



ST. LOUIS DISTRICT MOBILITY

QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021 | EDITION NO. 15

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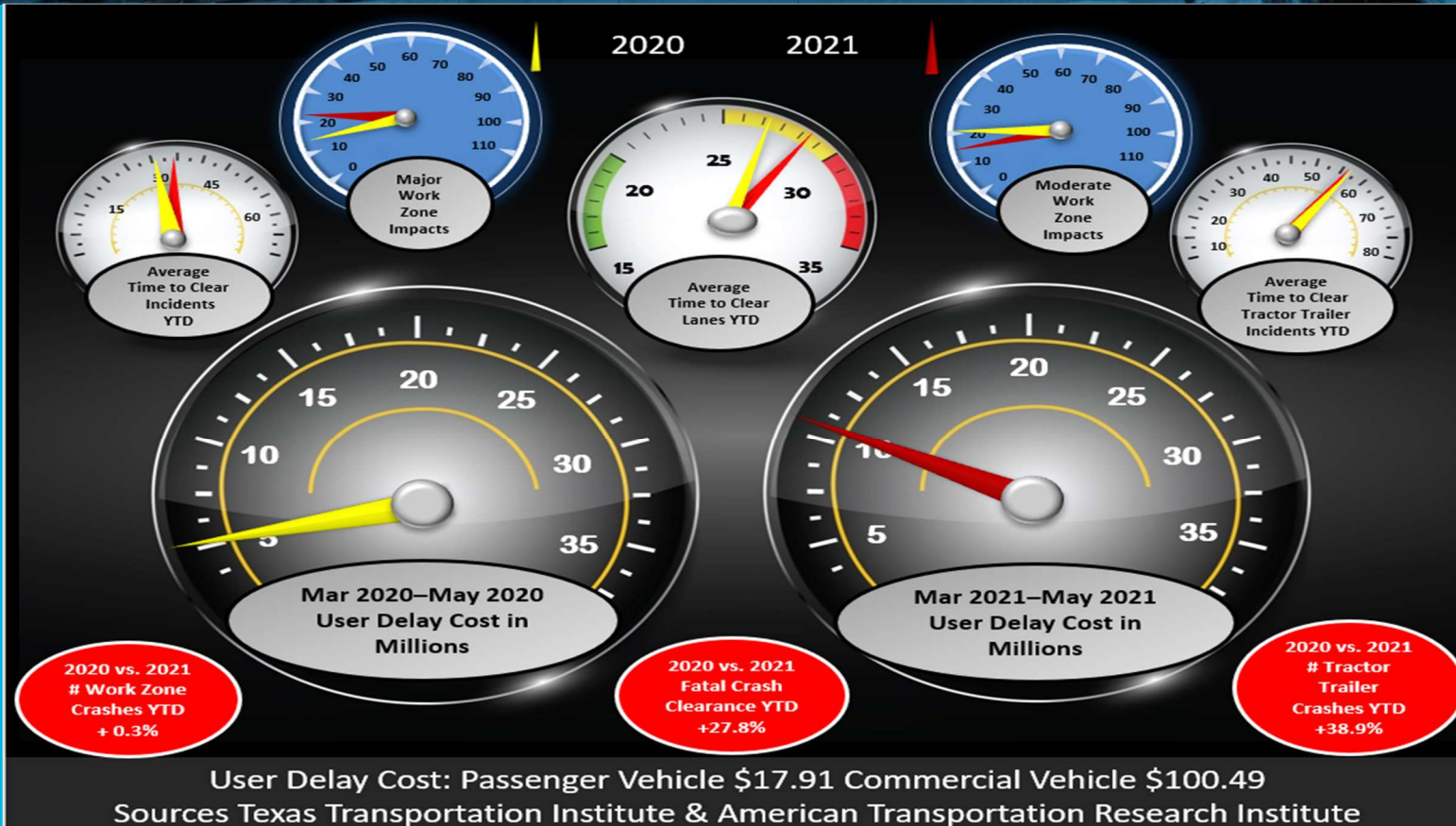
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Keep Customers and Ourselves Safe



March thru May 2020 Grand Total and Average

Delay cost:
Total \$5,098,409
Hours of delay
Person-hours: 206,821h 44m
Vehicle hours: 168,834h 04m

March thru May 2021 Grand Total and Average

Delay cost:
Total \$10,414,105
Hours of delay
Person-hours: 422,457h 54m
Vehicle hours: 344,863h 36m



EXECUTIVE SUMMARY

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



Fatal Crash Clearance times increased by 27.8% YTD in 2021 compared to 2020

The number of tractor trailer crashes increased by 38.9% YTD in 2021 compared to 2020

Work zone crashes increased by 0.3% YTD in 2021 compared to 2020

Overall AM Regional Mobility for the quarter improved and PM Regional Mobility declined compared to the same quarter 2020

Eastbound I-64 at I-55/I-70/US-40 was the top congested segment this quarter with Eastbound I-270 at US-67/LINDBERGH BLVD was the second congested segment.

ZONING IN

TMS Work Zones:

March 2021: 183

April 2021: 306

May 2021: 261

Work Zone Impact Breakdown:

Major:	9 – (+200%)
Moderate:	9 – (+125%)
Minor:	732 – (+10%)

WORK ZONE CRASHES: 72

Planned Event

Date: Entire Quarter

Location: I-270 between I-70 and I-55

Event Detail: Congestion trending to pre Covid levels

Unplanned Event

Date: 4-24-2021

Location: St. Louis County, I-255 EB at Telegraph Rd.

Event Detail: Overturned tractor trailer spilled its load of metal pipes and spilling an unknown amount of fuel. There were two injuries with extraction and ejection. This resulted in a 1.8 mile-long queue. The EB lanes were closed ~8 hours 32 minutes.



EXECUTIVE SUMMARY

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Top 5 Congestion Locations / March – May 2020 vs. March – May 2021

*Locations ranked on Weighted Total Impact (Raw speed drop weighted by Vehicle Miles Traveled VMT Factor)

	Congestion Locations 2020	*Weighted Total Impact	Average Queue Length Miles	Average Daily Duration	Total Duration
1	I-70 W @ FIFTH ST/EXIT 229	25,818,056	3.78	17 m	1 d 2 h 22 m
2	I-70 W @ EARTH CITY EXPY/EXIT 231	21,083,855	1.79	50 m	3 d 5 h 51 m
3	I-44 W @ I-270/EXIT 276	13,207,577	2.39	17 m	1 d 2 h 37 m
4	I-44 W @ HIGHWAY DR/EXIT 275	12,783,692	2.28	6 m	10 h 4 m
5	I-44 E @ HIGHWAY DR/EXIT 275	12,532,823	2.1	10 m	16 h 6 m

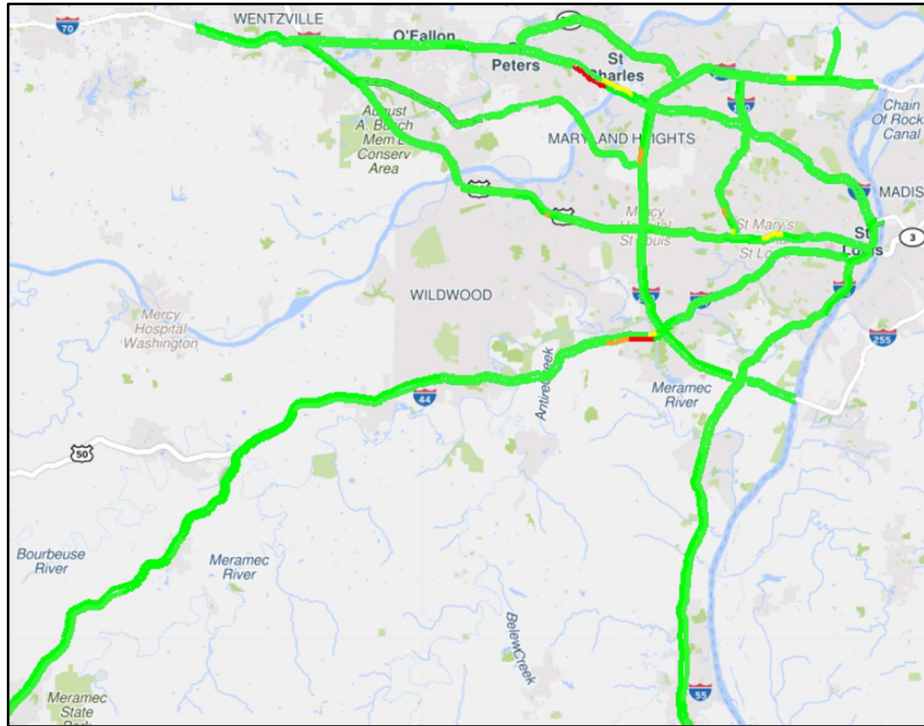
	Congestion Locations 2021	*Weighted Total Impact	Average Queue Length Miles	Average Daily Duration	Total Duration
1	I-64 E @ I-55/I-70/US-40	47,530,701	1.38	1 h 40 m	6 d 9 h 22 m
2	I-270 E @ US-67/LINDBERGH BLVD/EXIT 25	33,514,630	1.81	52 m	3 d 9 h 5 m
3	I-270 E @ FLORISSANT AVE/EXIT 29	29,358,593	2.5	39 m	2 d 12 h 1 m
4	I-64 W @ I-70	24,270,274	5.18	1 h 7 m	4 d 7 h 56 m
5	I-270 N @ I-70	18,743,062	2.82	18 m	1 d 3 h 51 m

Average Incident Duration Comparison / 2020 vs. 2021

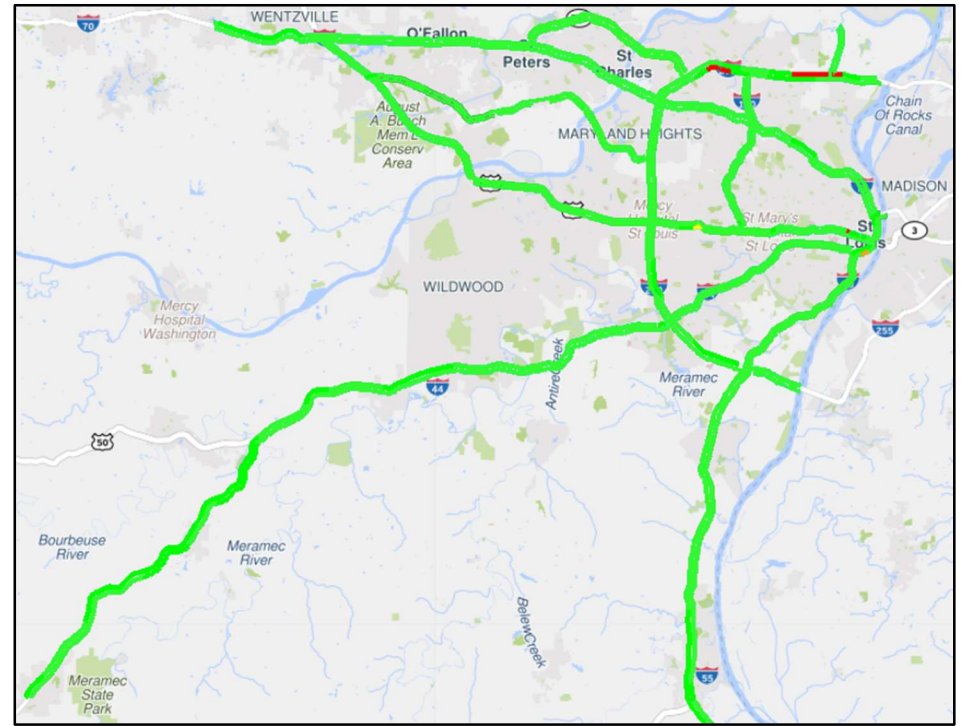
Month	Average Incident Duration (Minutes: Seconds)	2020	2021
March	Lane Clearance	27:42	31:57
March	Incident Clearance	28:09	31:55
April	Lane Clearance	22:16	36:10
April	Incident Clearance	22:30	35:59
May	Lane Clearance	29:40	33:03
May	Incident Clearance	29:56	32:47

INCREASE in Overall AM Mobility

AM Peak Mobility March/April/May 2020 vs March/April/May 2021 *



2020



2021

Regional % of free-flow speed hourly breakdown**:

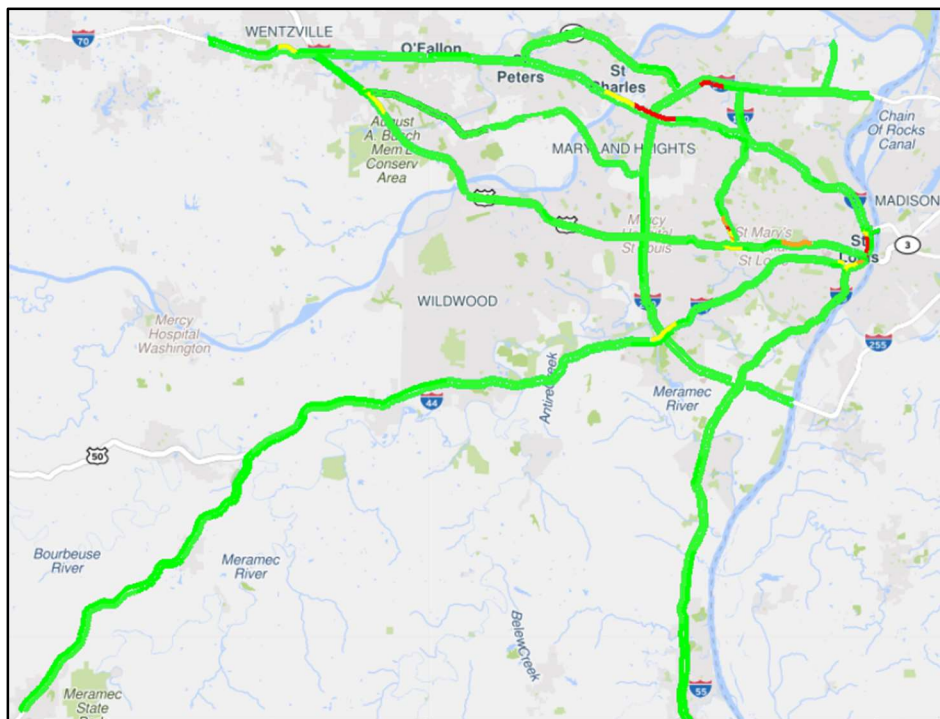
	2020		2021
6 AM	99.6%	→	99.9%
7 AM	98.9%	→	99.4%
8 AM	99.0%	→	99.0%
9 AM	99.4%	→	99.4%

* 7am hour shown

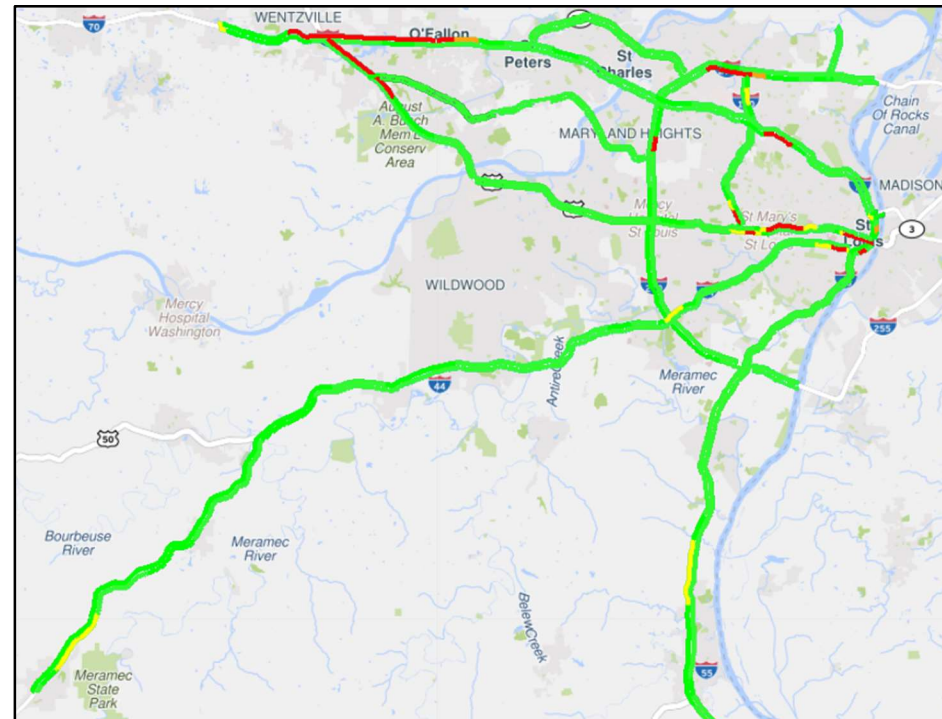
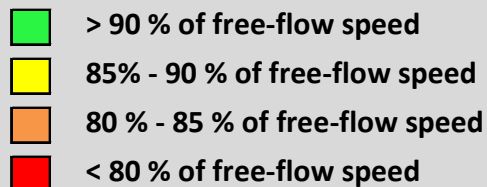
**Regional % of free-flow speed is the averaged % of free-flow speeds for all directions of all freeways within the St. Louis District. This provides a high-level measurement of overall regional mobility for each peak hour.

DECREASE in Overall PM Mobility

PM Peak Mobility March/April/May 2020 vs March/April/May 2021 *



2020



2021

Regional % of free-flow speed hourly breakdown**:

	2020		2021
3 PM	98.8%	→	97.0%
4 PM	98.0%	→	95.9%
5 PM	98.1%	→	96.7%
6 PM	99.4%	→	99.4%
7 PM	99.3%	→	99.6%

* 5pm hour shown

**Regional % of free-flow speed is the averaged % of free-flow speeds for all directions of all freeways within the St. Louis District. This provides a high-level measurement of overall regional mobility for each peak hour.

Top 5 Congestion Locations Comparison

Comparing Top 5 Congestion Locations of March/April/May 2020 to March/April/May 2021

- 1 I-70 W @ FIFTH ST/EXIT 229
Mobility INCREASED from 2020 → 2021
- 2 I-70 W @ EARTH CITY EXPY/EXIT 231
Mobility INCREASED from 2020 → 2021
- 3 I-44 W @ I-270/EXIT 276
Mobility INCREASED from 2020 → 2021
- 4 I-44 W @ HIGHWAY DR/EXIT 275
Mobility INCREASED from 2020 → 2021
- 5 I-44 E @ HIGHWAY DR/EXIT 275
Mobility INCREASED from 2020 → 2021



FREEWAY MANAGEMENT

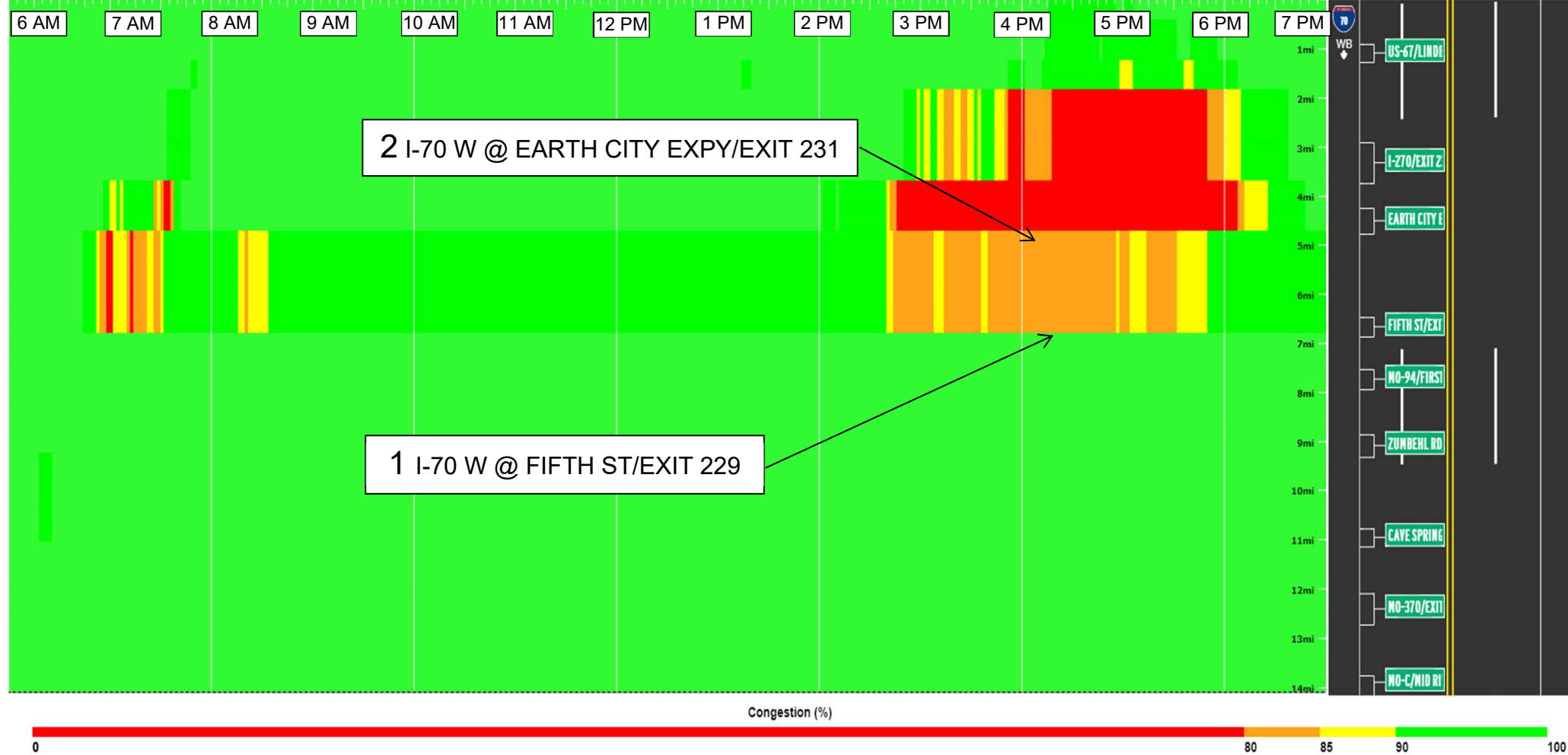
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2020 WB I-70

Congestion for I-70 Westbound between Cypress Rd/Hunter Rd/Exit 235 and MO-C/Mid Rivers MI Dr/Exit 222 using HERE data

Averaged by 2 minutes for March 2020 through May 2020 (Every weekday)

March 2020 through May 2020 (Every weekday)





FREEWAY MANAGEMENT

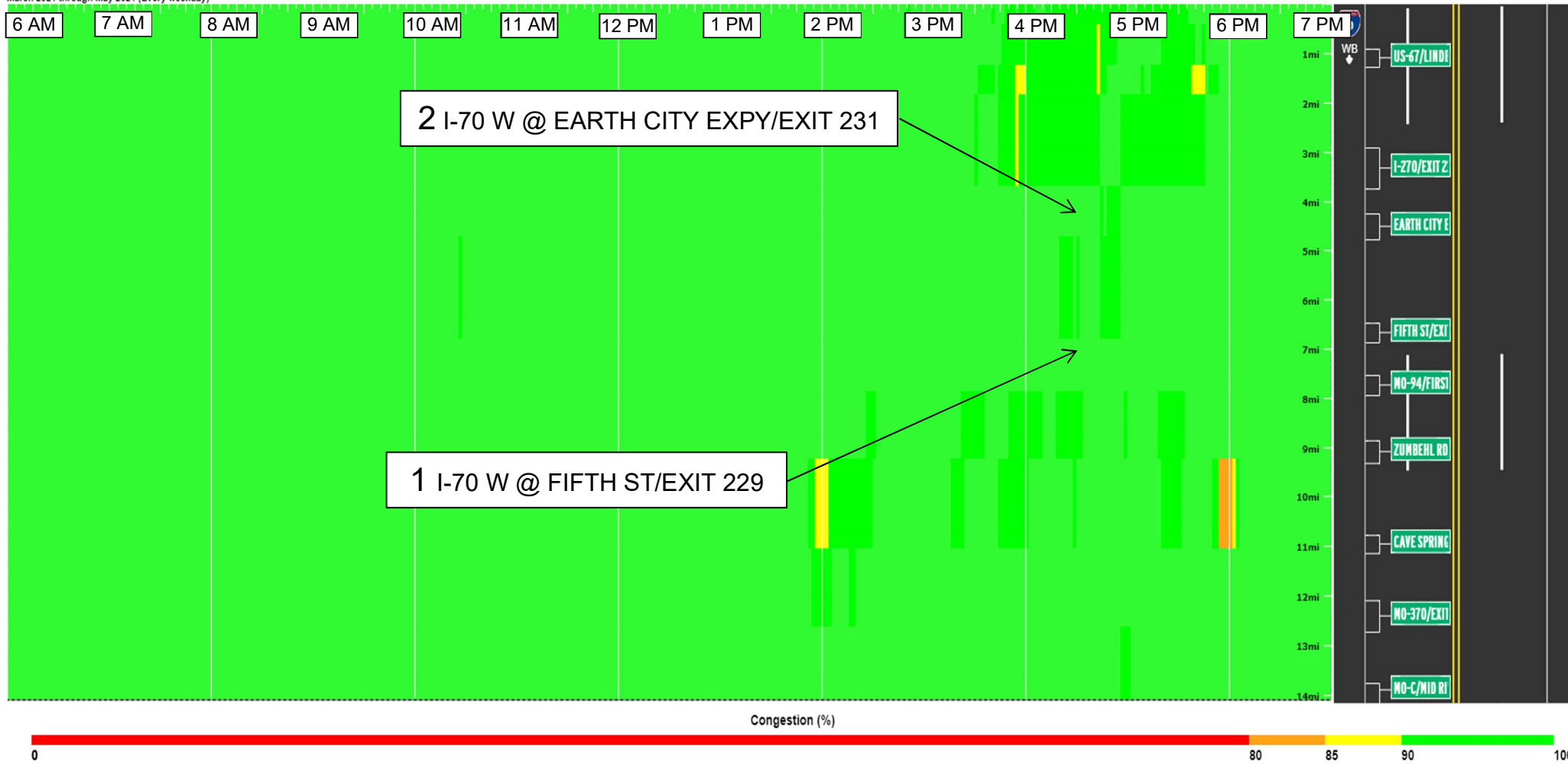
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2021 WB I-70

Congestion for I-70 Westbound between Cypress Rd/Hunter Rd/Exit 235 and MO-C/Mid Rivers MI Dr/Exit 222 using HERE data

Averaged by 2 minutes for March 2021 through May 2021 (Every weekday)

March 2021 through May 2021 (Every weekday)





FREEWAY MANAGEMENT

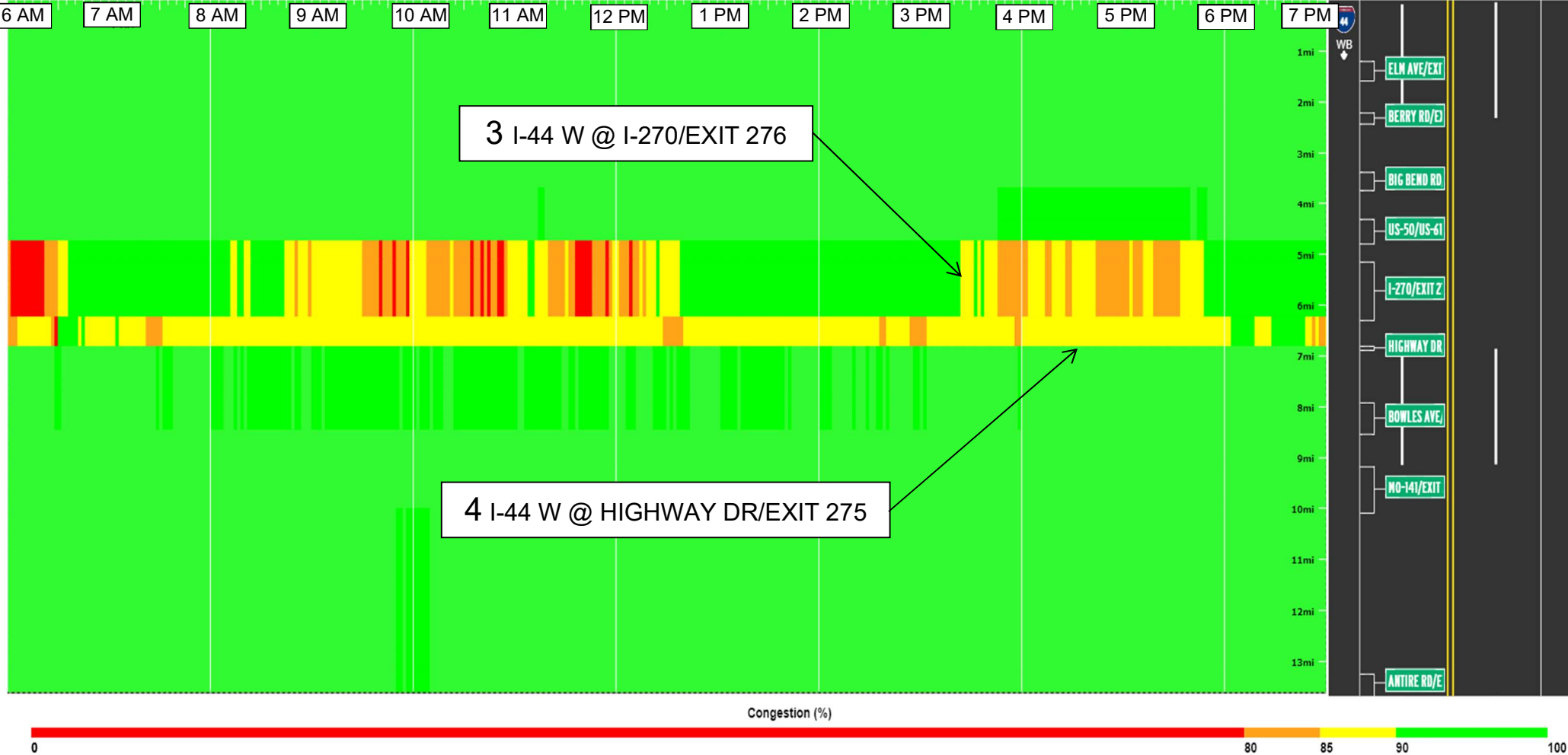
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2020 WB I-44

Congestion for I-44 Westbound between Antire Rd/Exit 269 and Elm Ave/Exit 280 using HERE data

Averaged by 2 minutes for March 2020 through May 2020 (Every weekday)

March 2020 through May 2020 (Every weekday)





FREEWAY MANAGEMENT

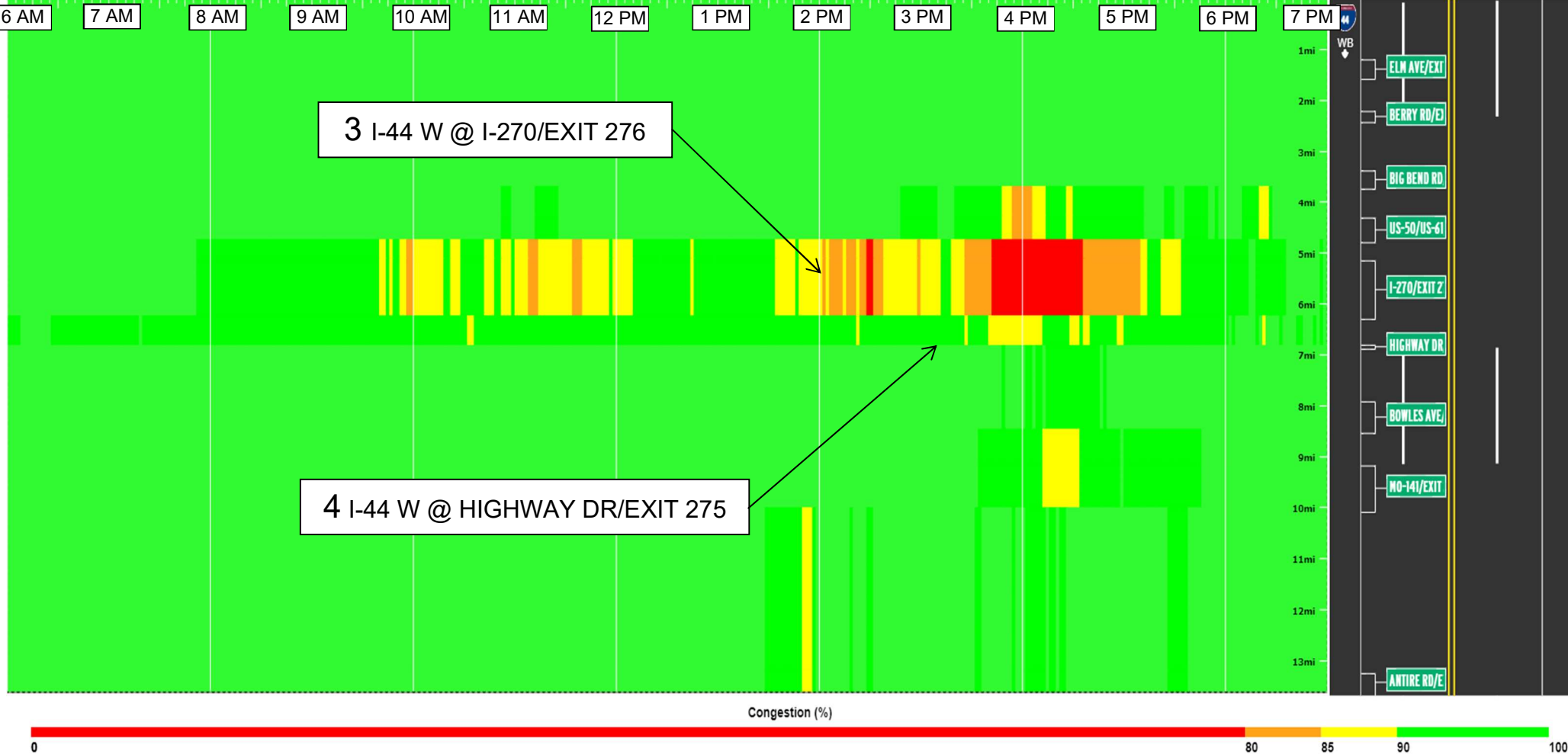
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2021 WB I-44

Congestion for I-44 Westbound between Antire Rd/Exit 269 and Elm Ave/Exit 280 using HERE data

Averaged by 2 minutes for March 2021 through May 2021 (Every weekday)

March 2021 through May 2021 (Every weekday)





FREEWAY MANAGEMENT

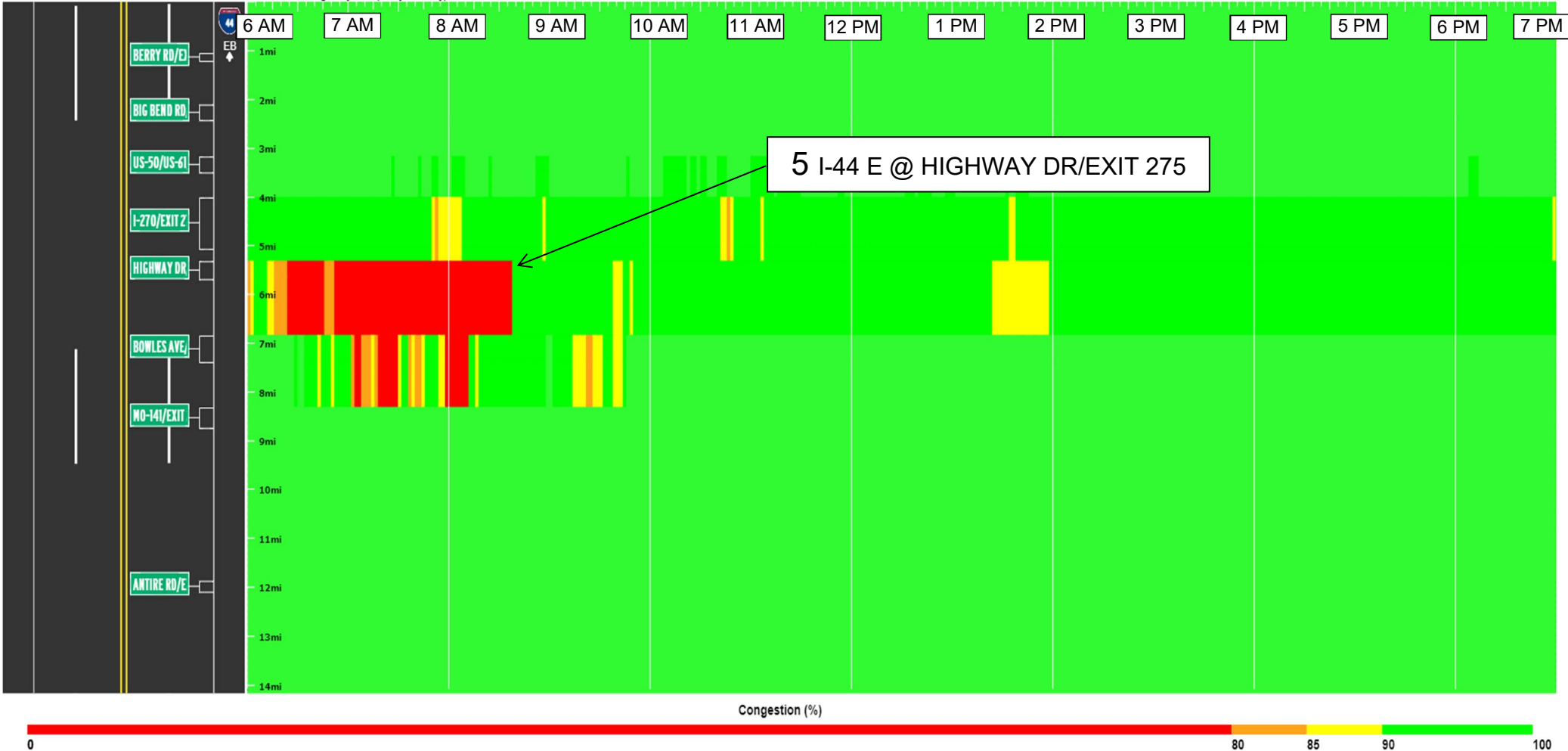
ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021

2020 EB I-44

Congestion for I-44 Eastbound between Antire Rd/Exit 269 and Elm Ave/Exit 280 using HERE data

Averaged by 2 minutes for March 2020 through May 2020 (Every weekday)

March 2020 through May 2020 (Every weekday)





FREEWAY MANAGEMENT

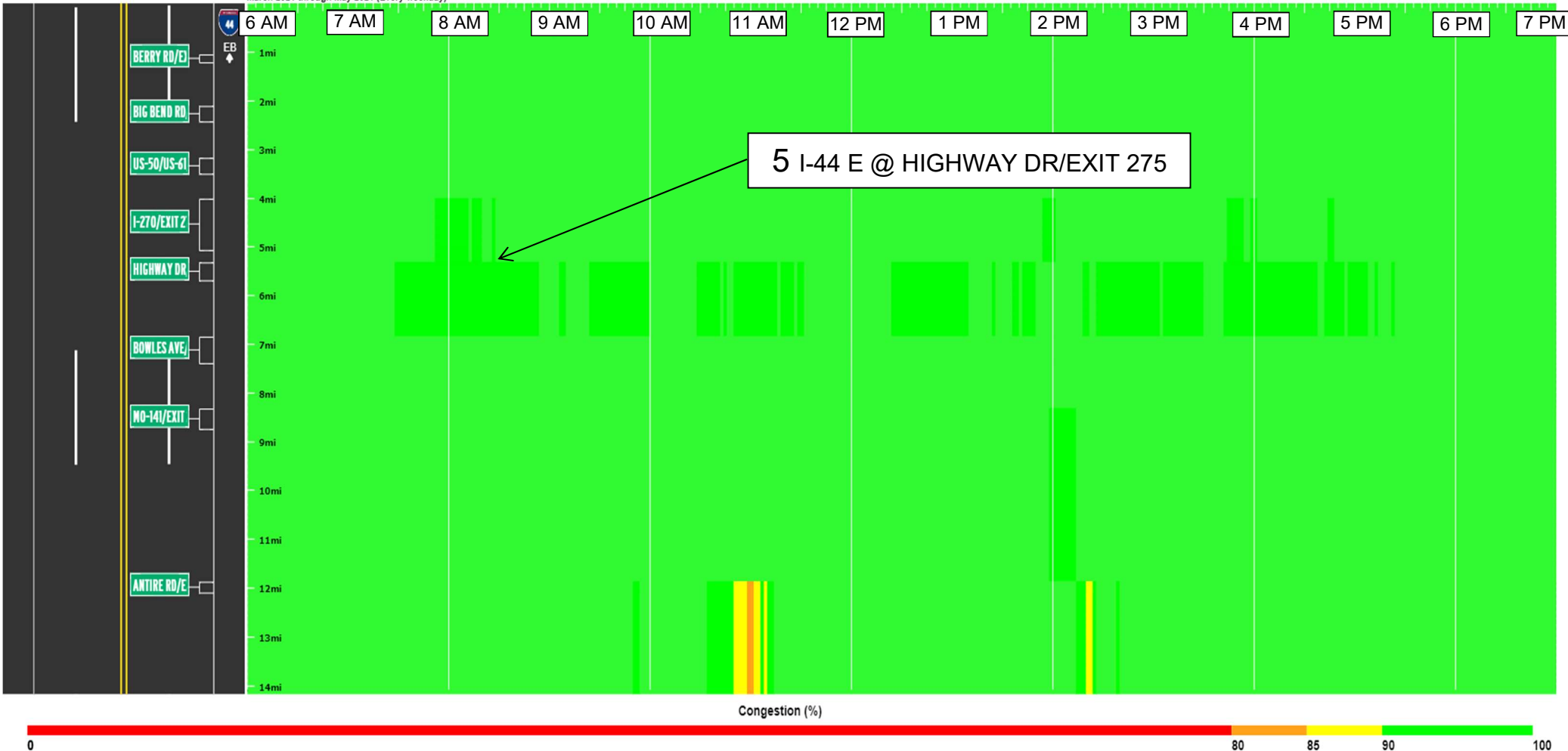
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2021 EB I-44

Congestion for I-44 Eastbound between Antire Rd/Exit 269 and Elm Ave/Exit 280 using HERE data

Averaged by 2 minutes for March 2021 through May 2021 (Every weekday)

March 2021 through May 2021 (Every weekday)

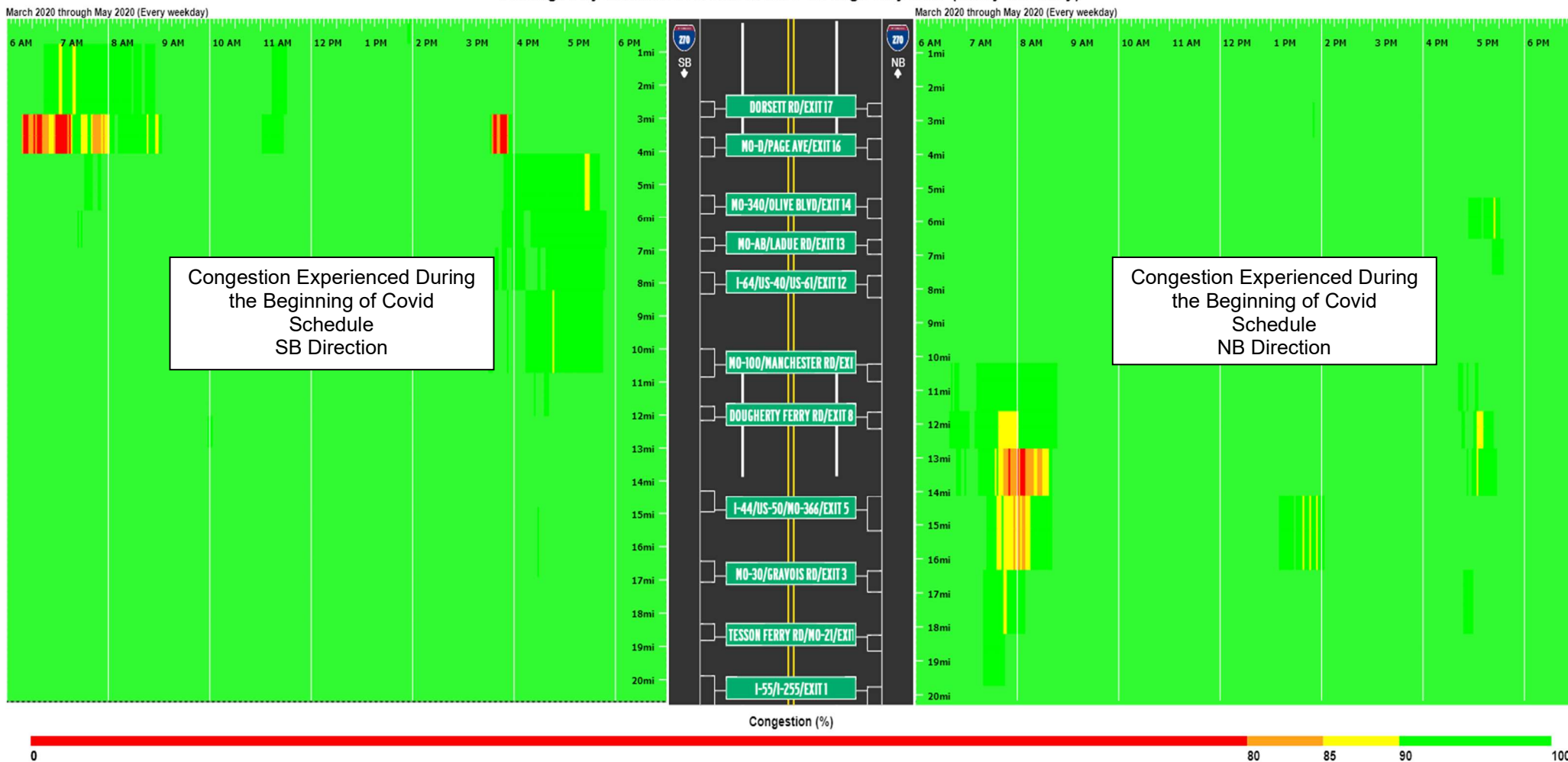


2020 I-270 SB & NB

Analysis of I-270 between I-70 and I-55

Congestion for I-270 using HERE data

Averaged by 2 minutes for March 2020 through May 2020 (Every weekday)



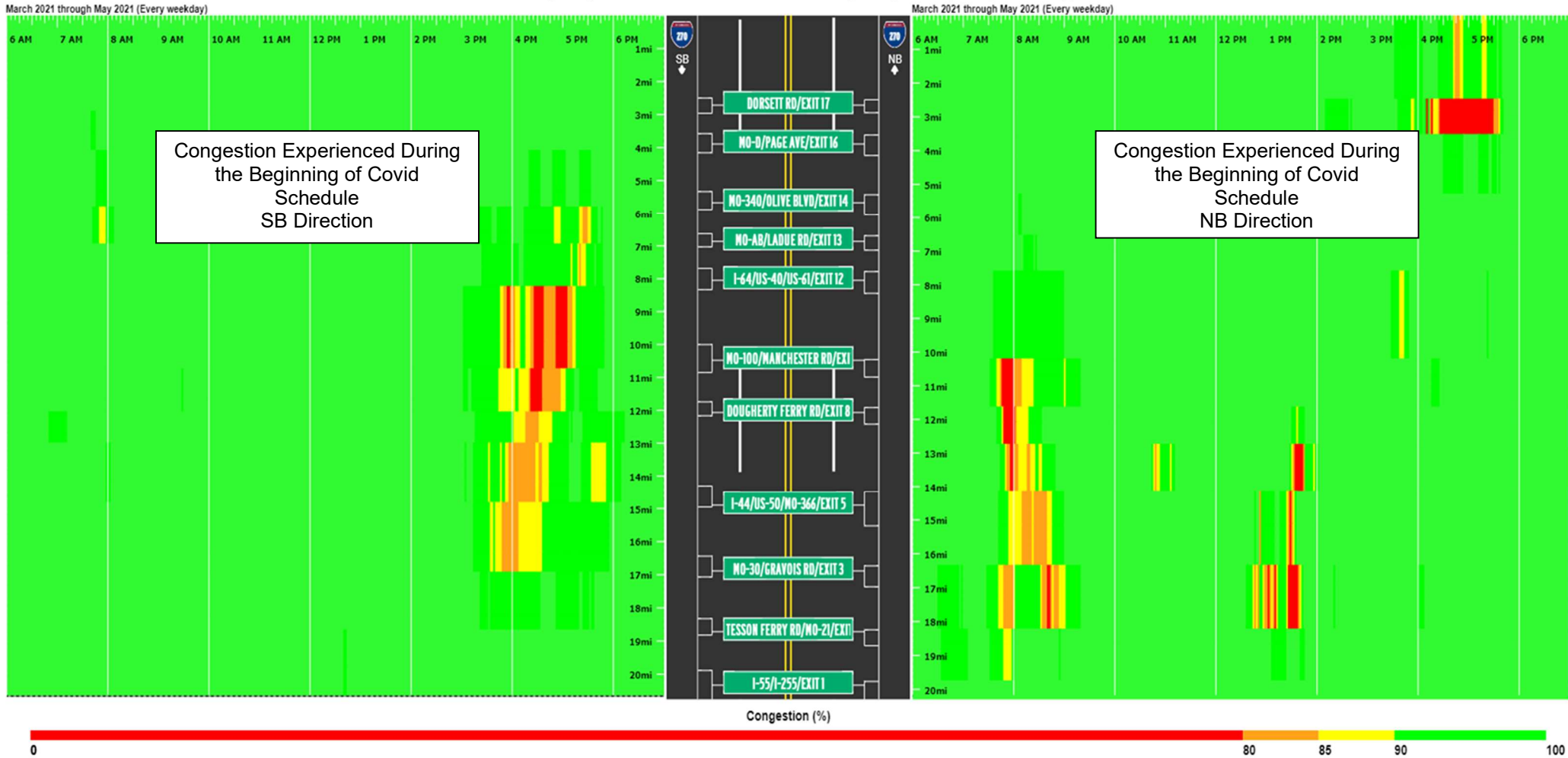


FREEWAY MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021

2021 I-270 SB & NB

Congestion for I-270 using HERE data Averaged by 2 minutes for March 2021 through May 2021 (Every weekday)





WORKZONE MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021

TMC Observed Work Zones

	March 2021	April 2021	May 2021
Level of Travel Time Impact	Number of Work Zones	Number of Work Zones	Number of Work Zones
Major Impact	2	4	3
Moderate Impact	1	6	2
Minor Impact	180	296	256
Total	183	306	261



Additional Travel Time Impacts through Work Zones

Major Impact (15 Minutes or Above): #

Moderate Impact (10-14 Minutes): #

(Daily) Eastbound I-270 Design Build

- Roadway Rehab Construction
- All mitigation efforts were in use
- RITIS data recorded additional travel times up to 51 minutes

4

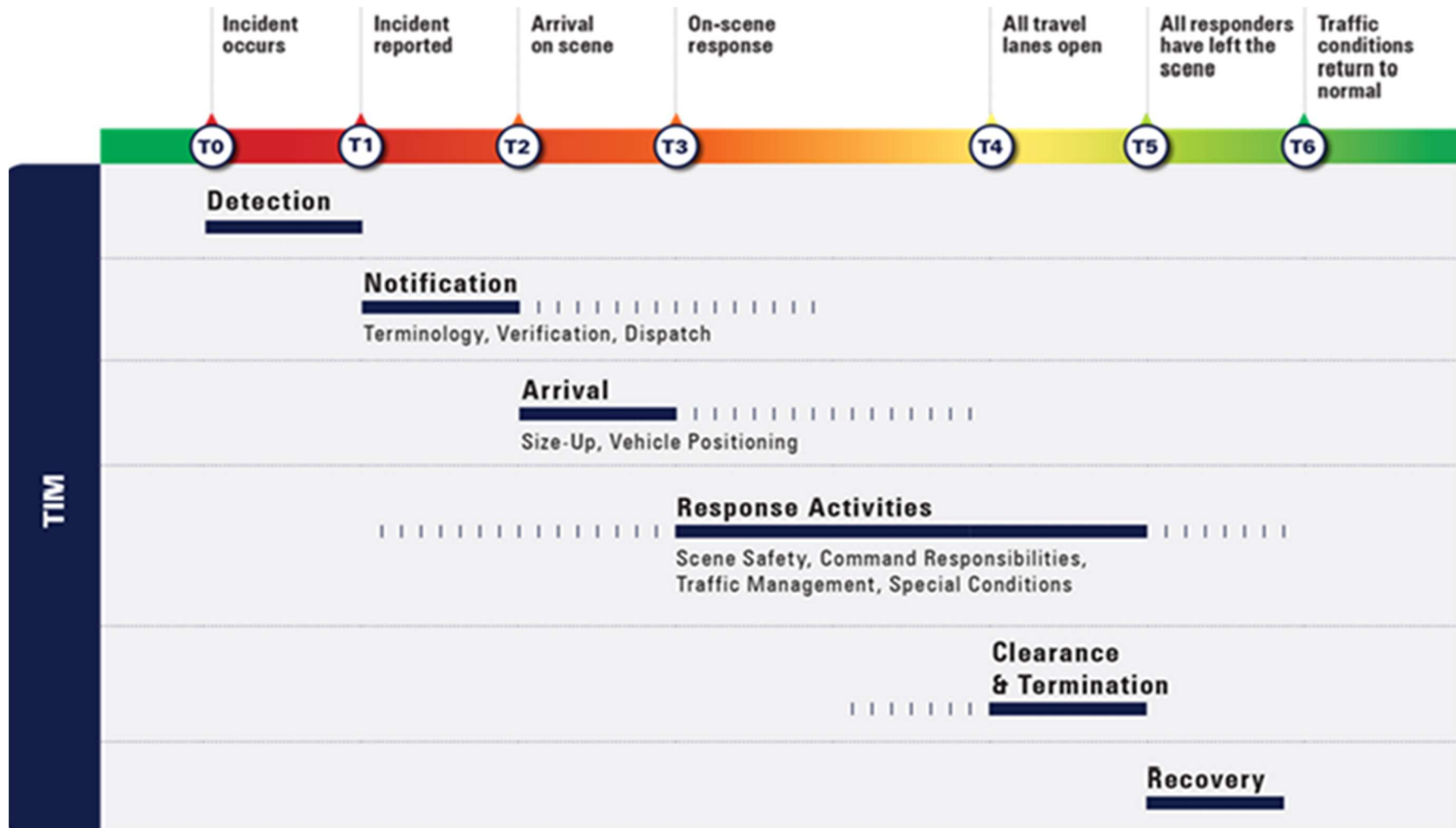
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(Daily) Westbound I-270 Design Build

- Roadway Rehab Construction
- All mitigation efforts were in use
- RITIS data recorded additional travel times up to 71 minutes

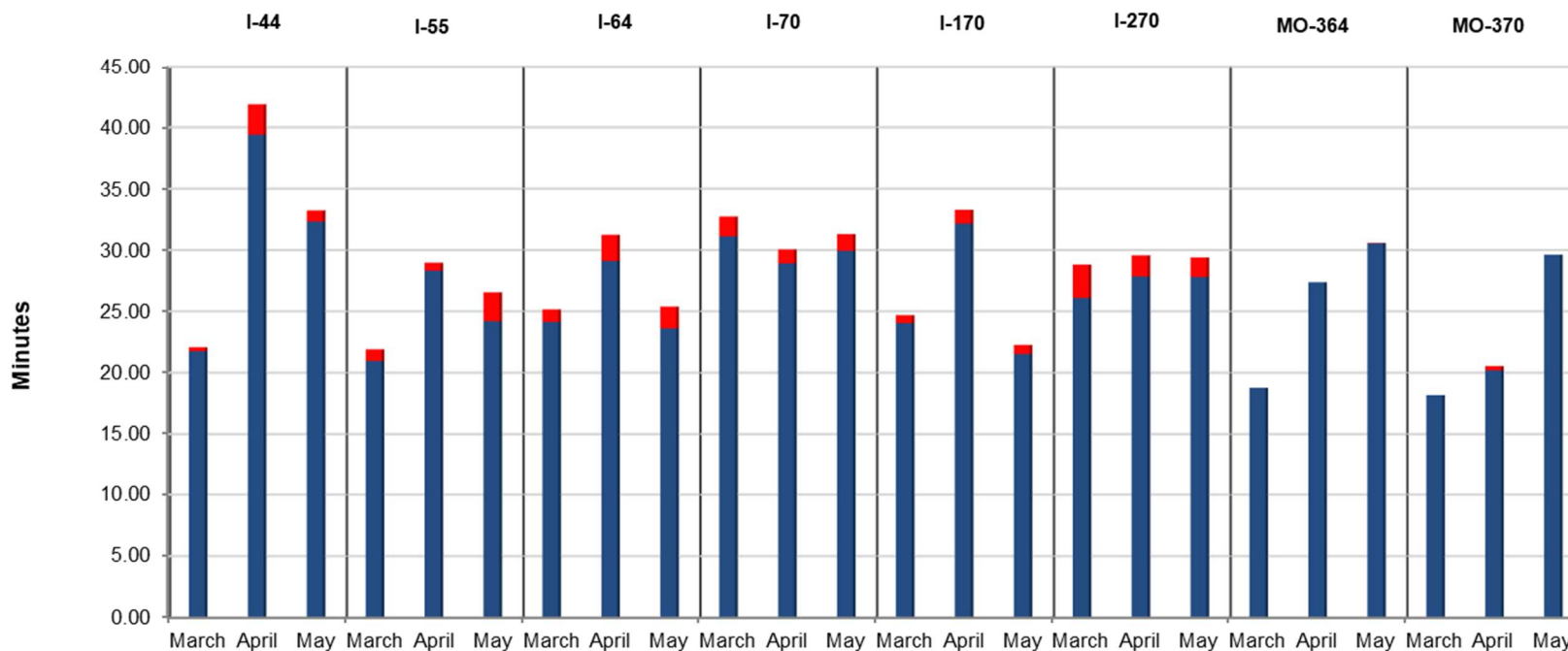
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March/April/May 2021
Incidents Summary



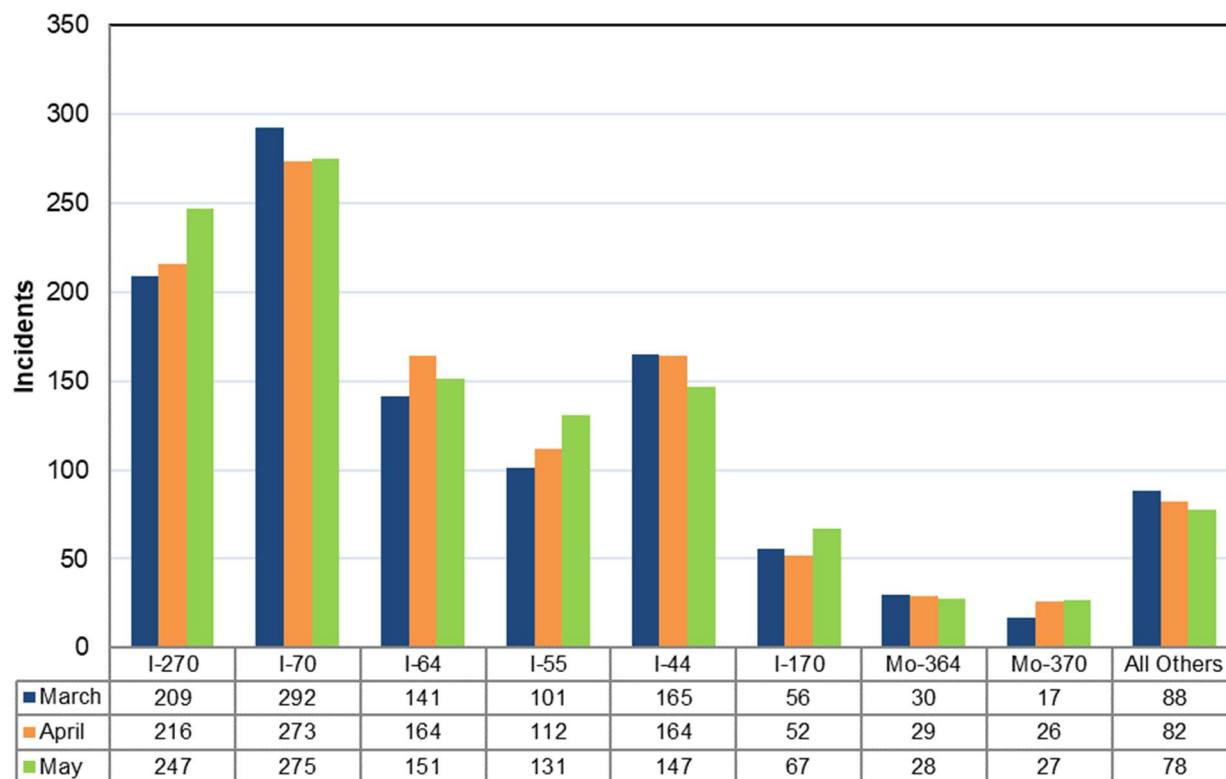
■ Average Time for Backup to Clear = T6 - T4

■ Average Time to Clear Incident from Lanes = T4 - T1



Total Number of Lane Blocking Incidents: March: 1120 / April: 1146 / May: 1191

**Total Number of
Lane Blocking Incidents**



Major Impact Incidents

Mar	Apr	May
(10)	(19)	(12)

Fatal Incidents

Mar	Apr	May
(9)	(9)	(9)

Tractor Trailer Incidents

Mar	Apr	May
(56)	(35)	(41)



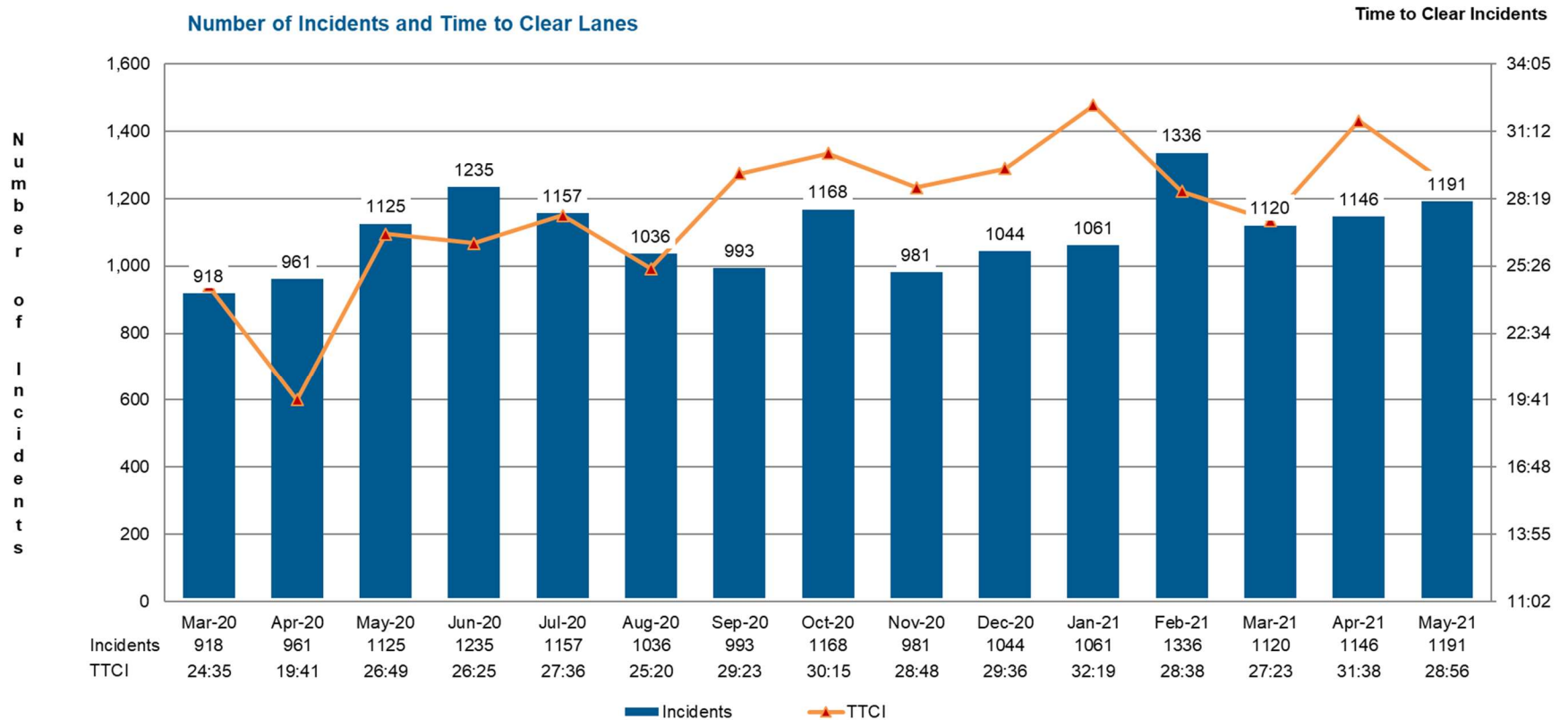
INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



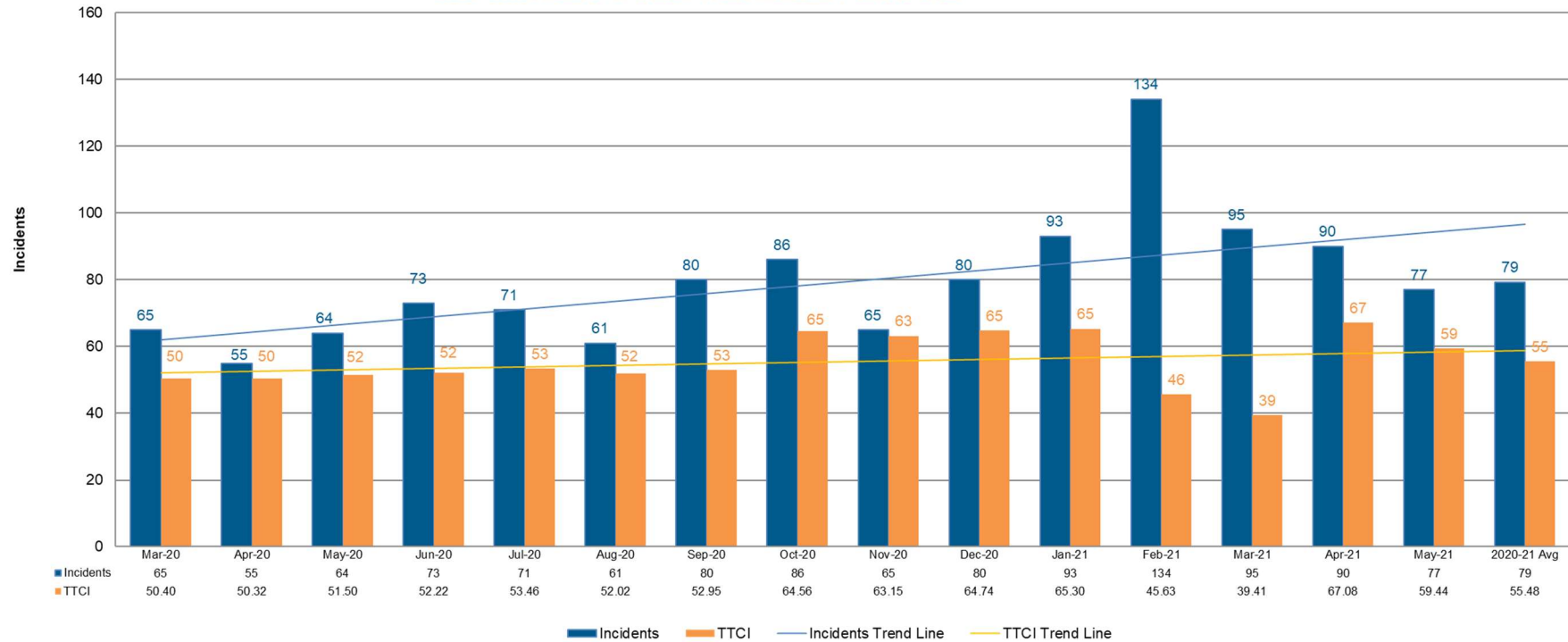
Lane Blocking Incidents by Freeway March/April/May 2021

Interstate	Month	Number of Incidents	Average Time to Clear Incident from Lanes =T4 - T1	Average Time for Backup to Clear = T6 -T4	Freeway Miles	Incidents per Mile
I-44	March	165	21:45	00:20	33	5.00
I-44	April	164	39:23	02:29	33	4.97
I-44	May	147	32:19	00:55	33	4.45
I-55	March	101	20:58	00:57	23	4.39
I-55	April	112	28:19	00:40	23	4.87
I-55	May	131	24:11	02:22	23	5.70
I-64	March	141	24:08	01:02	40	3.53
I-64	April	164	29:06	02:08	40	4.10
I-64	May	151	23:37	01:47	40	3.78
I-70	March	292	31:07	01:37	38	7.68
I-70	April	273	28:54	01:09	38	7.18
I-70	May	275	29:56	01:22	38	7.24
I-170	March	56	24:03	00:38	11	5.09
I-170	April	52	32:09	01:08	11	4.73
I-170	May	67	21:31	00:45	11	6.09
I-270	March	209	26:05	02:44	36	5.81
I-270	April	216	27:51	01:43	36	6.00
I-270	May	247	27:48	01:35	36	6.86
MO-364	March	30	18:46	00:00	11	2.73
MO-364	April	29	27:23	00:00	11	2.64
MO-364	May	28	30:32	00:02	11	2.55
MO-370	March	17	18:11	00:00	13	1.31
MO-370	April	26	20:11	00:21	13	2.00
MO-370	May	27	29:38	00:00	13	2.08
Total	Mar/Apr/May	3120	26:35	01:04	615	5.07





2020 - 2021 Number of Tractor Trailer Incidents / Time to Clear



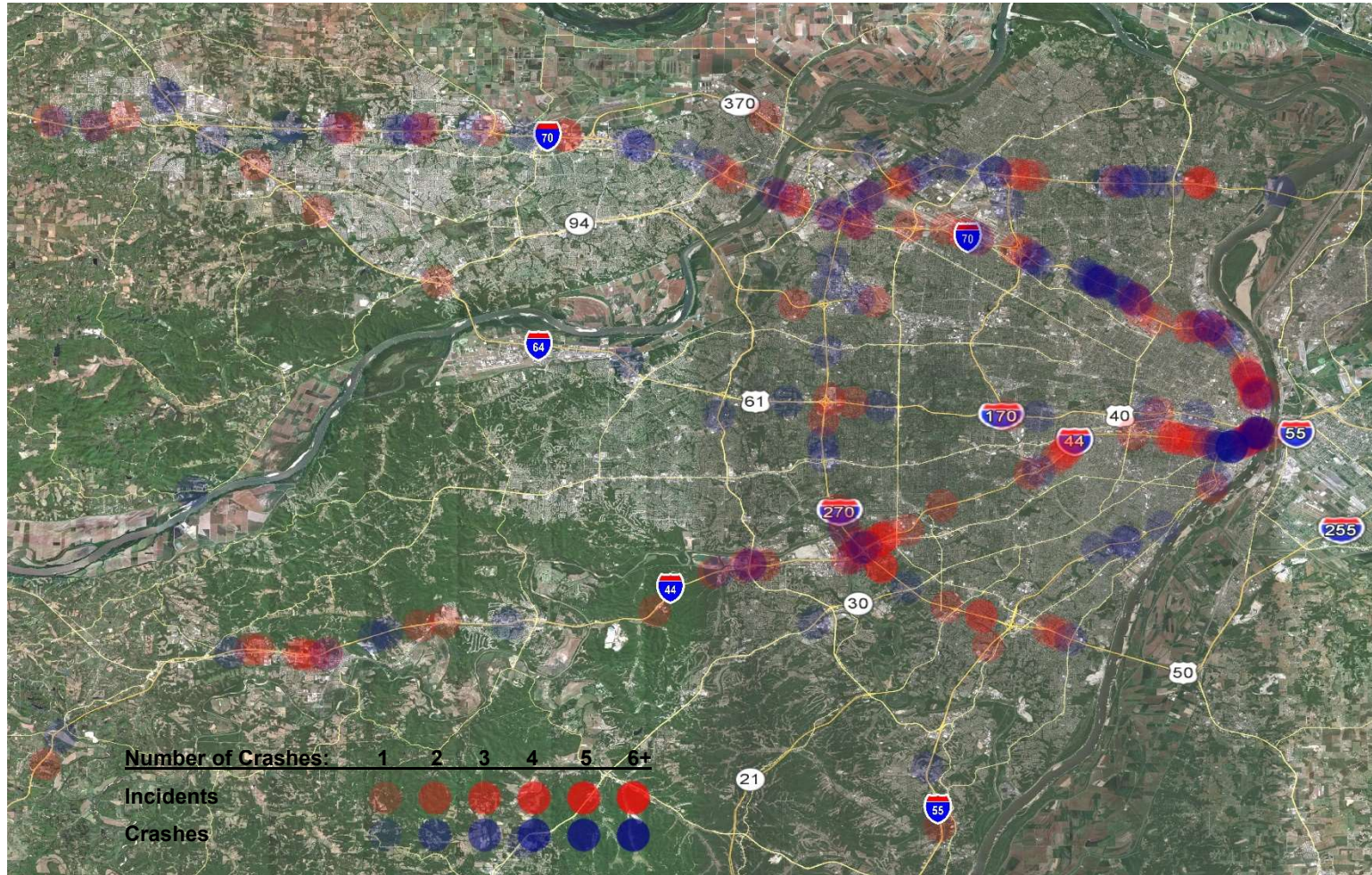


2021 Tractor Trailer Incidents by Route

2021	I-44	I-55	I-64	I-70	I-170	I-255/I-270	Route 364	Route 370	Other	Total
Jan	24	6	4	36	4	13	0	3	3	93
Feb	20	11	17	43	4	28	1	5	4	133
Mar	24	7	8	32	0	16	1	0	6	94
Apr	21	6	10	35	1	11	0	0	4	88
May	28	3	3	21	0	19	0	3	0	77
Jun										0
Jul										0
Aug										0
Sep										0
Oct										0
Nov										0
Dec										0
Yearly Total	117	33	42	167	9	87	2	11	17	485

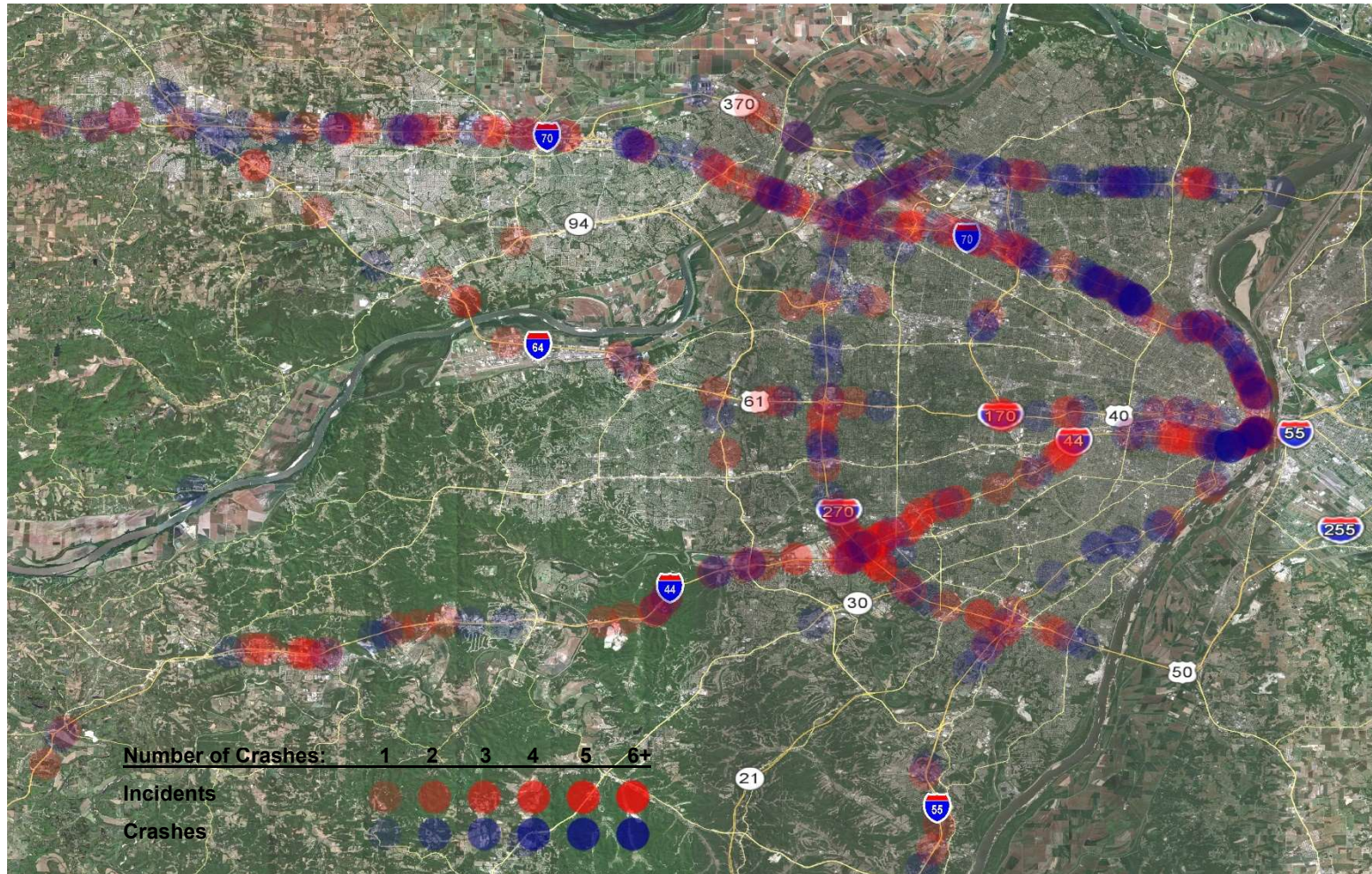


March/April/May 2021 Tractor Trailer Incidents Map





January 2021 – May 2021 Tractor Trailer Incidents Map





INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



Incidents over Two Hours March/April/May 2021						
Incidents in red denote high mobility impact						
#	Date & Time	Day of Week	Main Street	Cross Street	Comments	Avg Event Dur
1	3/1/2021 17:00	Monday	I-70 EB	BEFORE JENNINGS STATION RD	Stalled vehicle waiting on tow	2:31
2	3/4/2021 11:44	Thursday	I-70 EB	BEFORE ROUTE K	3 vehicle accident with 1 fatality and no state damage.	2:19
3	3/8/2021 0:08	Monday	ROUTE 367 NB	AT PARKER RD	Suicidal subject threatening to jump from Parker Rd. overpass.	8:18
4	3/8/2021 6:49	Monday	I-44 WB	PAST ROUTE JJ/W	Fatal accident with ejection.	4:17
5	3/9/2021 8:46	Tuesday	RT W	PAST BRYNESVILLE RD	Single vehicle accident. Overturn Dump Truck blocking both Lanes of traffic on RT W N/S. Spilled approximately 10 gallons of fuel.	4:29
6	3/9/2021 14:34	Tuesday	I-270 SB	PAST LADUE RD	Debris moved to the left shoulder. Reopened event due to motorist back to get toolbox.	3:18
7	3/10/2021 1:53	Wednesday	I-55 SB	BEFORE MERAMEC BOTTOM RD	Single vehicle accident.	2:34
8	3/10/2021 9:30	Wednesday	PAGE AVE CST	BUCKNER AVE CST	3 vehicle accident involving 1 fatality and 4 injuries.	3:53
9	3/12/2021 19:56	Friday	I-270 EB	BEFORE MO 367	Rolling gun battle involving 2 vehicles resulting in fatality and serious injuries.	4:56
10	3/12/2021 20:23	Friday	I-270 EB	ON RAMP FROM WEST FLORRISSANT AVE	Rolling gun battle involving 2 vehicles resulting in fatality and serious injuries.	4:24
11	3/13/2021 7:58	Saturday	MO 141 SB	PAST MO 30	Stalled vehicle waiting on tow	2:01
12	3/14/2021 0:19	Sunday	I-70 EB EXPRESS LANES	AT ST LOUIS AVE	Single vehicle on fire.	3:08
13	3/16/2021 19:54	Tuesday	I-270 NB	BEFORE MO 370	2 vehicle accident involving a wrong way vehicle on MO 180 ramp resulting in 2 fatalities and 1 injury.	2:59



INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



Incidents over Two Hours March/April/May 2021

Incidents in red denote high mobility impact

#	Date & Time	Day of Week	Main Street	Cross Street	Comments	Avg Event Dur
14	3/18/2021 2:32	Thursday	I-70 EB	PAST BERMUDA RD	Overtured TT hauling Steel blocks weighing 8 to 10,000lbs resulting in guardrail damage.	2:45
15	3/18/2021 2:43	Thursday	I-70 EB	ON RAMP FROM SANTA MONICA AVE	Extended duration due to waiting for tow to load TT.	2:34
16	3/18/2021 5:45	Thursday	I-270 NB	PAST I-55	Maintenance issue on tractor trailer, extended duration due to wait for mechanic.	5:08
17	3/20/2021 0:43	Saturday	I-70 WB	AT ADELAIDE AVE	Single vehicle accident.	3:59
18	3/20/2021 1:03	Saturday	I-70 WB	AT ADELAIDE AVE	Secondary accident involving struck driver/pedestrian.	3:39
19	3/20/2021 1:12	Saturday	I-70 WB	ON RAMP FROM ADELAIDE AVE	PD closed on ramp from Adelaide to I-70 WB due to secondary accident.	3:16
20	3/20/2021 1:34	Saturday	I-70 WB	ON RAMP FROM GRAND AVE	PD closed on ramp from Grand to I-70 WB due to secondary accident.	2:46
21	3/20/2021 4:55	Saturday	I-64 EB	ON RAMP FROM I-44 EB	Single overturned TT hauling computer parts involving spilled diesel fuel.	2:18
22	3/20/2021 19:08	Saturday	ROUTE N WB	PAST I-64	Reported active shooter. MSHP reports two suspects in custody.	2:18
23	3/23/2021 12:22	Tuesday	E RT Z	WATER DISTRICT ROAD	Single vehicle accident involving overturned TT carrying 34000 pounds of sand and spilled fuel.	3:31
24	3/23/2021 13:18	Tuesday	W RT Z	WATER DISTRICT ROAD	Single vehicle accident involving overturned TT carrying 34000 pounds of sand and spilled fuel.	2:52



INCIDENT MANAGEMENT

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Incidents over Two Hours March/April/May 2021						
Incidents in red denote high mobility impact						
#	Date & Time	Day of Week	Main Street	Cross Street	Comments	Avg Event Dur
25	3/24/2021 3:12	Wednesday	US 67 NB	PAST TENBROOK RD	Single vehicle accident involving 1 fatality, 1 injury, downed powerlines, and struck fire hydrant.	4:47
26	3/24/2021 13:37	Wednesday	I-64 EB	PAST VANDEVENTER AVE	2 vehicle accident involving 1 fatality and 1 injury.	3:17
27	3/29/2021 4:16	Monday	I-64 EB	TO 14TH ST	Single vehicle accident involving 2 fatalities.	2:13
28	3/31/2021 12:05	Wednesday	I-44 WB	PAST GRAND BLVD	2 vehicle accident involving 2 TT.	2:03
29	3/31/2021 15:28	Wednesday	I-70 EB	AT JENNINGS STA RD	3 vehicle accident involving 3 injuries.	2:11
30	4/1/2021 4:37	Thursday	I-270 EB	PAST RIVERVIEW RD	Single vehicle accident involving individual jumping from Chain of Rocks bridge.	2:29
31	4/1/2021 9:37	Thursday	I-70 EB	BEFORE LAKE ST LOUIS BLVD	3 vehicle accident involving TT and 1 injury.	2:10
32	4/1/2021 11:20	Thursday	MISSOURI BOTTOM RD CST	E MO 370 EB RP	Incident involving a dumpster on fire.	2:33
33	4/1/2021 22:09	Thursday	I-255 WB	AT KOCH RD	Incident involving a stalled vehicle due to pothole.	4:06
34	4/1/2021 22:26	Thursday	I-64 EB	AT CHESTERFIELD PKWY	2 vehicle accident (with a officer involved) that ended with a vehicle fire.	2:43
35	4/6/2021 7:58	Tuesday	I-64 EB	AT BIG BEND BLVD	2 vehicle accident involving a TT and passenger vehicle including a fatality. TT was carrying load of lumber and caught fire after impact.	6:23



INCIDENT MANAGEMENT

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Incidents over Two Hours March/April/May 2021						
Incidents in red denote high mobility impact						
#	Date & Time	Day of Week	Main Street	Cross Street	Comments	Avg Event Dur
36	4/6/2021 8:25	Tuesday	I-170 SB	TO I-64 EB	2 vehicle accident involving a TT and passenger vehicle including a fatality. TT was carrying load of lumber and caught fire after impact.	5:32
37	4/6/2021 9:04	Tuesday	I-170 SB	BEFORE BRENTWOOD BLVD	2 vehicle accident involving a TT and passenger vehicle including a fatality. TT was carrying load of lumber and caught fire after impact.	2:28
38	4/6/2021 10:11	Tuesday	I-64 EB	ON RAMP FROM HANLEY RD	2 vehicle accident involving a TT and passenger vehicle including a fatality. TT was carrying load of lumber and caught fire after impact.	3:45
39	4/6/2021 12:13	Tuesday	I-270 NB	PAST GRAVOIS RD	Single vehicle incident involving TT that caught fire after impact.	4:01
40	4/7/2021 5:46	Wednesday	I-270 SB	PAST BIG BEND BLVD	2 vehicle accident involving pedestrian fatality.	3:01
41	4/9/2021 4:50	Friday	I-44 EB	AT I-64	2 vehicle wrong way accident involving a fatality and injury.	3:34
42	4/9/2021 9:50	Friday	I-64 WB	PAST RESEARCH PARK CIR	1 vehicle accident involving TT stuck in mud.	2:18
43	4/10/2021 3:43	Saturday	I-270 NB	PAST OLIVE BLVD	1 vehicle accident.	2:03
44	4/11/2021 20:31	Sunday	ROUTE 367 NB	AT NEW JAMESTOWN RD	1 vehicle accident involving a fatality.	2:27
45	4/11/2021 21:27	Sunday	S 109 MO	emerald view parkway	Incident for pothole.	3:32
46	4/12/2021 14:28	Monday	I-44 EB	PAST PARK AVE	7 vehicle accident involving 5 injuries.	2:37



INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



Incidents over Two Hours March/April/May 2021 Incidents in red denote high mobility impact						
#	Date & Time	Day of Week	Main Street	Cross Street	Comments	Avg Event Dur
47	4/13/2021 15:39	Tuesday	MO 141 NB	PAST CLAYTON RD	1 vehicle accident involving overturned TT carrying 80,000 pounds of trash.	2:32
48	4/13/2021 21:34	Tuesday	I-44 WB	PAST I-270	1 vehicle accident involving a TT that experienced a blown tire.	3:03
49	4/13/2021 22:42	Tuesday	MO 30 EB	PAST ROUTE MM	2 vehicle accident involving 3 fatalities.	4:23
50	4/15/2021 2:55	Thursday	I-70 WB	AT GOODFELLOW	2 vehicle accident involving 1 vehicle that fled the scene, and state damage to bridge decorative brick around the column.	3:01
51	4/15/2021 11:50	Thursday	I-70 EB	AT ROUTE Z	2 vehicle accident involving a fatality and Air Ambulance.	3:50
52	4/15/2021 13:24	Thursday	I-70 EB	ON RAMP FROM WENTZVILLE PKWY	2 vehicle accident involving a fatality and Air Ambulance.	2:44
53	4/17/2021 4:49	Saturday	I-70 WB	BEFORE I-170	4 vehicle accident involving 2 TT's, 2 passenger vehicles, 1 injury.	3:43
54	4/18/2021 1:42	Sunday	I-44 WB	AT JEFFERSON AVE	Incident involving power line hit by contractor in WZ.	7:57
55	4/18/2021 1:43	Sunday	I-44 EB	AT GRAND BLVD	Incident involving power line hit by contractor in WZ.	7:46
56	4/18/2021 2:37	Sunday	I-44 WB	ON RAMP FROM JEFFERSON AVE	Incident involving power line hit by contractor in WZ.	6:59
57	4/18/2021 3:11	Sunday	I-44 EB	ON RAMP FROM GRAND BLVD	Incident involving power line hit by contractor in WZ.	6:24



INCIDENT MANAGEMENT

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Incidents over Two Hours March/April/May 2021

Incidents in red denote high mobility impact

#	Date & Time	Day of Week	Main Street	Cross Street	Comments	Avg Event Dur
58	4/21/2021 19:26	Wednesday	I-64 EB	ON RAMP FROM I-44 EB	1 vehicle accident involving TT carrying 34,000 pounds of computer and injury.	2:16
59	4/22/2021 18:42	Thursday	I-70 WB	BEFORE MO 370	1 vehicle accident. Delay due to ER on active accidents.	2:24
60	4/22/2021 22:57	Thursday	E 94 MO	KLONDIKE CT CST	Single vehicle accident involving overturned TT loaded with car rims and state damage.	7:43
61	4/24/2021 1:03	Saturday	N 367 MO	CHAMBERS ST CST	2 vehicle accident involving 2 fatalities, and 1 injury.	5:26
62	4/24/2021 1:07	Saturday	S 367 MO	CHAMBERS RD CST	2 vehicle accident involving 2 fatalities, and 1 injury.	5:22
63	4/24/2021 10:54	Saturday	I-255 EB	AT TELEGRAPH RD	1 vehicle accident involving overturned TT, 2 injuries and spilled steel pipes.	8:32
64	4/24/2021 11:47	Saturday	I-64 EB	BEFORE VANDEVENTER AVE	2 vehicle accident.	2:10
65	4/25/2021 20:28	Sunday	I-64 EB	ON RAMP FROM I-44 EB	Incident involving stalled TT in the work zone.	2:03
66	4/27/2021 12:11	Tuesday	I-55 NB	ON RAMP FROM ROUTE M	1 vehicle accident involving overturned dump truck spilling rock.	2:03
67	4/27/2021 12:12	Tuesday	US 61 NB	AT RT A	1 vehicle accident involving overturned dump truck spilling rock.	2:41
68	4/27/2021 20:45	Tuesday	MO 364 EB	BEFORE MO 94 EB	2 vehicle accident involving 1 fatality, 2 injuries.	4:19
69	4/28/2021 9:19	Wednesday	I-70 EB	BEFORE TUCKER BLVD	Incident involving clogged drain in WZ.	2:10



INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



Incidents over Two Hours March/April/May 2021						
Incidents in red denote high mobility impact						
#	Date & Time	Day of Week	Main Street	Cross Street	Comments	Avg Event Dur
70	4/29/2021 0:03	Thursday	I-70 EB	PAST LUCAS & HUNT RD	1 vehicle accident involving jack knifed TT carrying 10,300 pounds of household supplies and developing fuel leak.	6:13
71	4/29/2021 0:16	Thursday	I-70 EB	ON RAMP FROM LUCAS & HUNT RD	1 vehicle accident involving jack knifed TT carrying 10,300 pounds of household supplies and developing fuel leak.	6:13
72	4/30/2021 12:16	Friday	MO 141 SB	PAST OLD WOODS MILL	1 vehicle accident involving box truck with 2 flat tires.	3:29
73	4/30/2021 15:55	Friday	I-270 NB	PAST I-44	2 vehicle accident.	2:16
74	5/1/2021 12:14	Saturday	E 30 MO	WEBER RD CRD	2 vehicle accident involving 1 fatality.	3:24
75	5/1/2021 12:15	Saturday	W 30 MO	TOBEY AVE CRD	2 vehicle accident involving 1 fatality.	3:22
76	5/3/2021 1:36	Monday	I-64 EB	PAST VANDEVENTER AVE	2 vehicle accident involving 1 vehicle fleeing the scene and state damage to exit sign.	2:14
77	5/7/2021 10:36	Friday	I-44 EB	BEFORE PARK AVE	1 vehicle accident involving TT that struck bridge and carrying dog food, refrigerators.	3:16
78	5/7/2021 10:43	Friday	I-55 SB	AT I-44	1 vehicle accident involving TT that struck bridge and carrying dog food, refrigerators.	3:09
79	5/9/2021 12:48	Sunday	I-70 EB	PAST GOODFELLOW	1 vehicle accident.	2:05
80	5/9/2021 19:56	Sunday	I-70 EB	PAST TUCKER BLVD	1 vehicle accident involving overturned TT carrying 43,000 pounds of lumber.	5:18



INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



Incidents over Two Hours March/April/May 2021 Incidents in red denote high mobility impact						
#	Date & Time	Day of Week	Main Street	Cross Street	Comments	Avg Event Dur
81	5/11/2021 4:16	Tuesday	I-270 EB	TO BELLEFONTAINE RD	1 vehicle incident involving a UPS driver pulled over after he felt sick after inhaling something on the back of the UPS truck. Scene being treated as a hazmat scene.	2:35
82	5/12/2021 6:43	Wednesday	I-44 WB	PAST ARSENAL ST	Incident involving 1 vehicle running but not occupied. Driver passed away.	2:31
83	5/13/2021 4:30	Thursday	I-70 WB	AT I-170	2 vehicle accident involving 2 fatalities and state damage.	4:05
84	5/13/2021 7:19	Thursday	MO 94 WB	PAST MID RIVERS MALL DR	Incident involving clearing of bags of concrete on to roadway.	3:12
85	5/14/2021 2:05	Friday	I-270 NB	TO I-44 WB	1 vehicle accident involving overturned TT hauling 44,000 pounds of batteries.	4:49
86	5/14/2021 9:52	Friday	I-270 SB	TO GRAVOIS RD	1 vehicle accident involving TT requiring the cab to be pulled from trailer. In addition, the trailer needed to be cut in half to move.	2:45
87	5/14/2021 9:55	Friday	MO 30 WB	AT I-270	1 vehicle accident involving TT requiring the cab to be pulled from trailer. In addition, the trailer needed to be cut in half to move.	2:41
88	5/14/2021 22:31	Friday	I-64 WB	AT BALLAS RD	3 vehicle accident involving 1 injury and state damage.	2:58
89	5/15/2021 1:24	Saturday	I-64 WB	PAST WOODS MILL RD	2 vehicle accident involving 2 injuries.	2:26



INCIDENT MANAGEMENT

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Incidents over Two Hours March/April/May 2021 Incidents in red denote high mobility impact						
#	Date & Time	Day of Week	Main Street	Cross Street	Comments	Avg Event Dur
90	5/15/2021 22:35	Saturday	W A RT	PIONEER RD CRD	2 vehicle accident involving 2 fatalities, and 1 injury.	2:54
91	5/15/2021 22:38	Saturday	E A RT	PIONEER RD CRD	2 vehicle accident involving 2 fatalities, and 1 injury.	2:49
92	5/16/2021 7:21	Sunday	I-270 SB	PAST MO 370	Incident involving Ameren UE hanging new power lines.	2:04
93	5/18/2021 8:23	Tuesday	I-270 NB	AT ST CHARLES ROCK RD	1 vehicle accident involving 1 injury.	3:57
94	5/18/2021 9:49	Tuesday	I-44 EB	PAST SHREWSBURY AVE	1 vehicle accident involving TT off the roadway through the guardrail.	6:05
95	5/18/2021 10:02	Tuesday	I-44 EB	ON RAMP FROM SHREWSBURY AVE	1 vehicle accident involving TT off the roadway through the guardrail.	6:05
96	5/18/2021 12:25	Tuesday	I-44 EB	BEFORE US 50	2 vehicle accident involving overturned dump truck.	3:38
97	5/18/2021 13:56	Tuesday	I-44 EB	PAST MO 47	Incident involving maintenance.	2:05
98	5/22/2021 2:05	Saturday	I-64 WB	AT I-270	1 vehicle accident involving box truck carrying laundry linen catching fire.	3:02
99	5/22/2021 5:25	Saturday	US 67 NB	AT MANRESA LN	1 vehicle accident involving down power lines with exposed wires on traffic signal pole.	2:15
100	5/24/2021 12:05	Monday	I-270 NB	PAST I-44	2 vehicle accident involving TT losing a tire and causing the accident.	2:31
101	5/25/2021 11:50	Tuesday	I-270 SB	ON RAMP FROM MO 180	1 vehicle accident involving a roll over vehicle and 1 injury.	2:07
102	5/26/2021 14:58	Wednesday	I-255 WB	PAST TELEGRAPH RD	1 vehicle accident involving vehicle on fire.	2:11



INCIDENT MANAGEMENT

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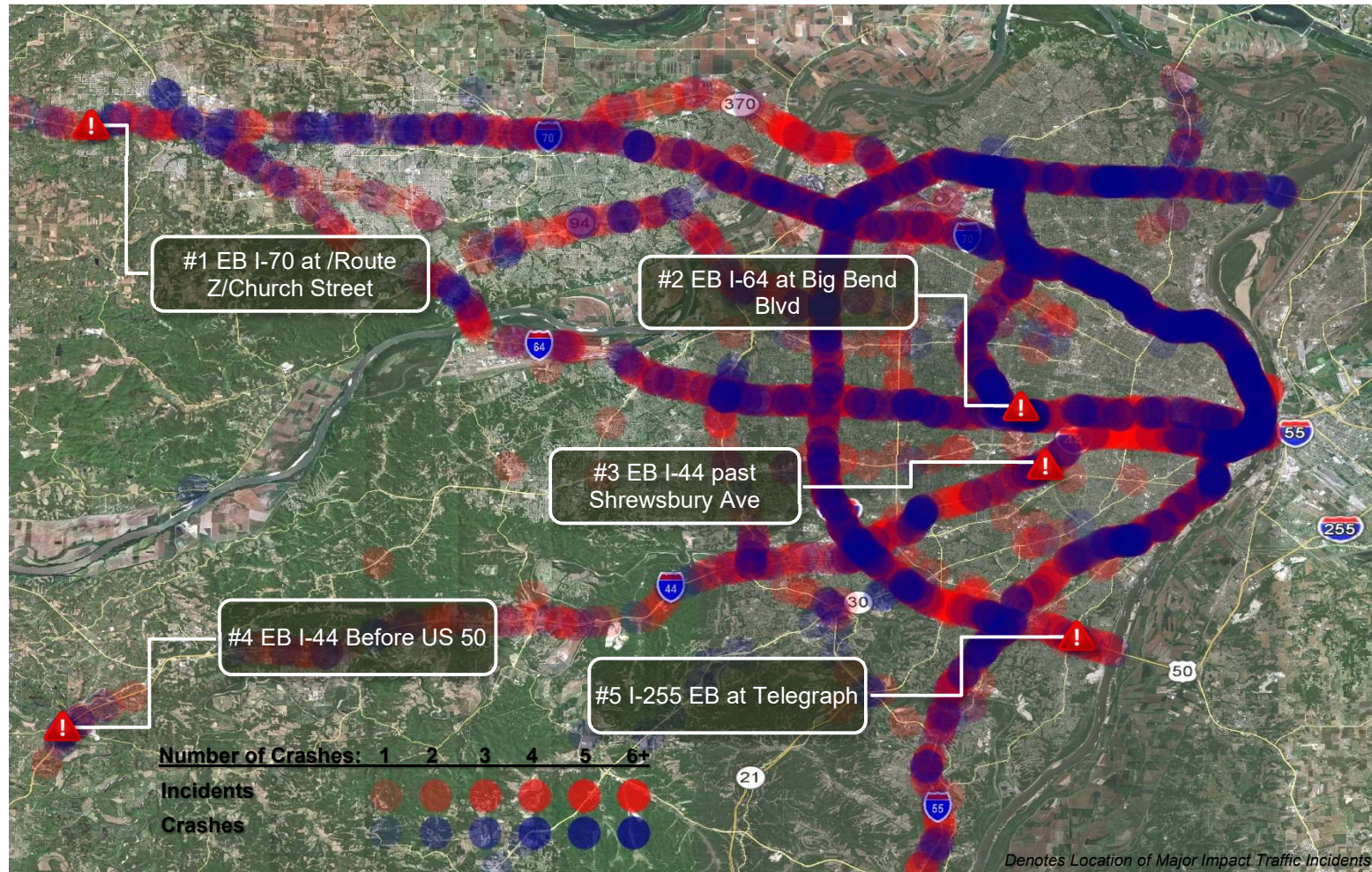
Incidents over Two Hours March/April/May 2021

Incidents in red denote high mobility impact

#	Date & Time	Day of Week	Main Street	Cross Street	Comments	Avg Event Dur
103	5/26/2021 19:41	Wednesday	I-55 SB	BEFORE MERAMEC BOTTOM RD	2 vehicle accident involving 1 fatality, motorcycle, and hit and run.	3:33
104	5/27/2021 11:42	Thursday	I-270 EB	AT WEST FLORISSANT AVE	1 vehicle accident involving 1 injury.	2:01
105	5/28/2021 6:38	Friday	I-44 EB	PAST LEWIS RD	1 vehicle accident involving stolen vehicle, 1 fatality, state damage.	2:46
106	5/28/2021 18:23	Friday	50 US	HOOVER AVE CST	2 vehicle accident involving 1 fatality.	6:23
107	5/29/2021 19:39	Saturday	MO 364 EB	PAST BRYAN RD	3 vehicle accident involving a wrong way driver, 1 fatality and 2 injuries.	3:35



March/April/May 2021 Incidents with Mobility Impact Map





INCIDENT MANAGEMENT


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Major Impact Traffic Incidents and Mitigation

#1 04/15/2021 (Thursday)

- **Time:** 11:50 AM – 03:41 PM *** Fatality ***
- **Location:** Wentzville, St. Charles County – Eastbound I-70 at MM 209.4/Route Z/Church Street
- **Event Type:** Two Vehicle Accident
- **Estimated Initial Impact:** Rush Hour: 2 of 2 travel lanes affected equals (=) 100%
- **Incident Details:** The TMC operators received a phone call from highway patrol of a vehicle accident. While traveling Eastbound on I-70, Vehicle 1 struck the rear of Vehicle 2. Vehicle 1 then smashed into the guardrail, travelled across all lanes of traffic and crashed into the median barrier. An occupant from one of the vehicles was ejected from this impact. The TMC dispatched MoDOT ER to the scene.
- **Action Taken:** Wentzville PD blocked lanes 1 and 2. ER arrived on scene and helped divert traffic to Wentzville Parkway. Traffic was diverted onto Wentzville Parkway and was able to take Wentzville Parkway Northbound, to US 61 SB, and back onto I-70 EB or take Wentzville Parkway Southbound, to Veterans Memorial Parkway Eastbound, to Route Z/Church Street Northbound, and back onto I-70 Eastbound. Fire, EMS and tow also responded in assistance. The CBB Traffic Engineer was notified and began to adjust necessary signal timing for traffic. The MoDOT Incident Management Coordinator, EOC, Motor Carriers, Communication Staff and Wentzville Maintenance were all notified. The TMC messaged for the event and entered it into TMS to notify the public of the closure. KSCOUT was advised and helped place their DMS for advance warning throughout the duration. Accident Reconstruction responded and was on scene. An incident alert, update and cleared were used to advise management of the closure. Extended duration due to accident reconstruction. Extended duration due to heavy tow and rotator responding and connecting to vehicle. Traffic queued approximately 9.7 miles but returned to normal thirty-nine (39) minutes after all lanes were opened.
- **Event Duration:** 3 hours 50 minutes

	Eastbound I-70 at MM 209.4/Rte Z/Church St	Left Shoulder	Lane 1	Lane 2	Right Shoulder
	Closed Hours/Minutes	3:50	3:50	3:09	3:09



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#2 04/06/2021 (Tuesday)


- **Time:** 07:57 AM – 02:21 PM *** Fatality ***
- **Location:** Richmond Heights, St. Louis County – Eastbound I-64 at mm 33/Big Bend Blvd
- **Event Type:** Two Vehicle Accident
- **Estimated Initial Impact:** Rush Hour: 3 of 3 travel lanes affected equals (=) 100%
- **Time:** 08:23 AM – 01:55 PM
- **Location:** Richmond Heights, St. Louis County – Southbound I-170 ramp to Eastbound I-64
- **Event Type:** Emergency Vehicles
- **Estimated Initial Impact:** Rush Hour: 1 of 1 travel lanes affected equals (=) 100%
- **Time:** 09:03 AM – 11:31 AM
- **Location:** Richmond Heights, St. Louis County – Southbound I-170 at Brentwood Blvd
- **Event Type:** Emergency Vehicles
- **Estimated Initial Impact:** Rush Hour: 4 of 4 travel lanes affected equals (=) 100%
- **Incident Details:** An emergency responder relayed of a vehicle accident. Vehicle 1 traveled off the main interstate, struck a concrete traffic barrier, and returned to the main interstate striking vehicle 2. Vehicle 1 was pinned against vehicle 2 and the concrete barrier. Vehicle 2 was hauling of load of lumber and caught on fire. The TMC entered MoDOT ER to the scene.
- **Action Taken:** Clayton PD blocked lanes 1, 2, and 3. MSHP and Fire arrived on scene and started diverting traffic onto Big Bend Blvd. Traffic was diverted onto Big Bend Blvd and was able to take county roads back onto I-64 for I-64 Eastbound traffic. ER and Richmond Heights PD Closed the ramp from Southbound I-170 to Eastbound I-64 and traffic was diverted off to Westbound I-64 initially but was later redirected to the Brentwood exit ramp for Southbound I-170. The CBB Traffic Engineer was notified and began to adjust necessary signal timing for traffic. The EOC, Communication Staff, Motor Carriers, and the MoDOT Incident Management Coordinator were all notified. The TMC messaged for the event and entered it into TMS to notify the public of the closure. An incident alert, update and cleared were used to advise management of the closure. EMS, Tow, and Accident Reconstruction were all on scene. Extended duration due to accident reconstruction and tow company unloading tractor trailer load. Traffic queued approximately 5.2 miles at its peak for Eastbound I-64 and approximately 1.6 miles at its peak for Southbound I-170, but returned to normal almost immediately after all lanes were opened.
- **Event Duration:** 6 hours 23 minutes




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	Eastbound I-64 at MM 33/Big Bend Blvd	Lane 1	Lane 2	Lane 3	Right Shoulder
Closed Hours/Minutes		5:50	5:51	6:23	6:23

	Southbound I-170 ramp To Eastbound I-64	Left Shoulder	Left Exit Lane	Lane 1	Right Exit Lane	Right Shoulder
Closed Hours/Minutes		5:31	5:31	5:31	5:31	5:31

	Southbound I-170 at Brentwood Blvd	Left Shoulder	Lane 1	Lane 2	Lane 3	Lane 4	Right Shoulder
Closed Hours/Minutes		2:27	2:27	2:27	2:27	2:27	2:27




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#3 05/18/2021 (Tuesday)

- **Time:** 09:47 AM – 03:43 AM
- **Location:** Shrewsbury– Eastbound I-44 at mm 283.4 (past Shrewsbury Ave)
- **Event Type:** One Vehicle Accident
- **Estimated Initial Impact:** Non-Rush Hour: 4 of 4 travel lanes affected equals (=) 100%
- **Incident Details:** The TMC operators reported a Tractor Trailer through the guardrail per CCTV. The TMC dispatched MoDOT ER to the scene. The driver was entrapped in the vehicle.
- **Action Taken:** Shrewsbury Police arrived on scene blocking Lanes blocked lanes 3 and 4 and when Shrewsbury EMS and Fire arrived on scene the highway was closed. MSHP handled closing the on ramp to I-44 EB from Shrewsbury. ER arrived on scene and assisted with traffic control. The left lane re-opened with positioning of Emergency Vehicles. The MoDOT Incident Management Coordinator, Motor Carriers, EOC, and Communication Staff were all notified. Maintenance was contacted to and Hampton Bridge responded to inspect the bridge. Environmental also responded for a reported 30 gallons of diesel fuel that had spilled. The TMC messaged for the event and entered it into TMS to notify the public of the closure. An incident alert, update and cleared were used to advise management of the closure. Traffic queued approximately 2 miles but returned to normal two (2) minutes after all lanes were opened.
- **Event Duration:** 6 hours 05 minutes

	Eastbound I-44 at MM 283.4	Left Shoulder	Lane 1	Lane 2	Lane 3	Lane 4	Right Shoulder
Closed Hours/Minutes		:32	:32	5:59	6:05	6:05	6:05






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#4 05/18/2021 (Tuesday)

- **Time:** 12:24 PM – 04:02 PM
- **Location:** Franklin County– Eastbound I-44 at mm 247.0 (Before US 50)
- **Event Type:** Two Vehicle Accident
- **Estimated Initial Impact:** Rush Hour: 2 of 2 travel lanes affected equals (=) 100%
- **Incident Details:** The TMC operators received a report of an accident involving two vehicles including an overturned dump truck with a gravel spill. No injuries were reported. The TMC confirmed the incident via CCTV and dispatched MoDOT ER to the scene.
- **Action Taken:** Franklin County Sheriff's Department, Boles Fire Department, and Meramec Ambulance District arrived on scene with one lane of traffic getting by on the right shoulder. The highway was then shut down with traffic diverted to the outer road at MM 242. Maintenance was contacted to assist with clean-up and traffic control. ER maintained traffic control until Maintenance took over. The MoDOT Incident Management Coordinator, Motor Carriers, EOC, and Communication Staff were all notified. Extended duration due to tow and debris clean up performed by Maintenance. The TMC messaged for the event and entered it into TMS to notify the public of the closure. An incident alert, update and cleared were used to advise of the closure. Traffic queued approximately 5.6 miles but returned to normal thirty-three (33) minutes after all lanes were opened.
- **Event Duration:** 3 hours 38 minutes

	Eastbound I-44 at MM 247	Left Shoulder	Lane 1	Lane 2	Right Shoulder
Closed Hours/Minutes		3:38	3:38	3:38	3:27



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#5 04/24/2021 (Saturday)

- **Time:** 10:53 AM – 7:25 PM
- **Location:** St Louis County – I-255 EB at Telegraph
- **Event Type:** 1 Vehicle Collision – Non-Fatal
- **Estimated Initial Impact:** Non-Rush Hour: 3 of 3 travel lanes affected equals (=) 100%
- **Incident Details:** TMC operator heard across the scanner that a tractor trailer overturned EB I-255 at Telegraph. After checking the cameras, a large amount metal pipes and debris were found in the road. The tractor trailer had overturned into the grassy are on the shoulder. There were two injuries with extrication and ejection.
- **Action Taken:** Two Emergency Response Units were sent to the scene to help with traffic control. Traffic was diverted to Telegraph Rd and used and re-entered the highway after crossing the traffic signal. The tractor trailer spilled an unknown amount diesel fuel in the grass and DNR was contacted for assistance with the cleanup. The TMC used DMS boards along I-44, I-55, I-270, US 67 and MO 30 to warn motorists of the closure. An incident alert was sent to notify District Leadership. Community Relations, EOC and the Emergency Response Supervisor were notified. The duration of the incident was extended due heavy tow removing tractor trailer along with debris removal and spill cleanup. The traffic queue reached 1.8 miles.
- **Event Duration:** 8 hours 32 minutes

	I-255 EB at Telegraph	Left Shoulder	Lane 1	Lane 2	Lane 3	Right Shoulder
Closed Hours/Minutes		4:39	4:39	8:32	8:32	8:32






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03/4/2021 (Thursday)

- **Time:** 11:44 AM – 2:03 PM ****Fatality****
- **Location:** St. Charles, St. Charles County – Eastbound I-70 before Route K
- **Event Type:** Three Vehicle Accident
- **Estimated Initial Impact:** Non-Rush Hour: 3 of 3 travel lanes affected equals (=) 100%
- **Incident Details:** The TMC operators located the accident via CCTV. A pickup struck the rear of the motorcycle. The driver of the pickup that struck the motorcycle fled the scene. The driver of the motorcycle was pronounced on scene. The TMC dispatched MoDOT ER to the scene.
- **Action Taken:** Troop C arrived on along with MoDOT ER. St. Charles Ambulance, O'Fallon Fire Department and O'Fallon Police Department arrived shortly after. MoDOT ER provided traffic control and traffic was diverted at Bryan Road onto the South Outer Road. Extended duration due to reconstruction and the medical Examiner. Tow then arrived for vehicle removal. Traffic queued approximately 6.2 mile at its peak but returned to normal eleven (11) minutes after the incident cleared. TMC Operators entered the event into ATMS and activated appropriate DMS boards. An incident alert, update, and clearance were sent out to the appropriate email groups. CBB was notified and began to adjust necessary signal timing for traffic. KC SCOUT was advised to help with DMS messaging for advance warning and Community Relations was advised.
- **Event Duration:** 2 hours 19 minutes

	Eastbound I-70 before Route K	Left Shoulder	Lane 1	Lane 2	Lane 3	Right Shoulder
	Closed Hours/Minutes	2:19	2:19	2:15	2:14	2:14






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03/16/2021 (Tuesday)

- **Time:** 7:54 PM – 10:53 PM ****Double Fatality****
- **Location:** St. Louis County – Northbound I-270 before MO 370
- **Event Type:** Two-Vehicle Crash w/ Pedestrians Struck
- **Estimated Initial Impact:** Non-Rush Hour: 4 of 5 travel lanes affected equals (=) 80%
- **Incident Details:** A tractor trailer was stationary on the right shoulder partially blocking lane #5. The driver of the tractor trailer and a second pedestrian were on the left side of the tractor trailer when an SUV struck the rear of the trailer portion of the semi, then struck both pedestrians. The SUV then struck the rear of the tractor portion of the semi and came to rest in lane #3. One of the pedestrians was pronounced on scene. The second was transported but was pronounced at the hospital. The driver of the SUV was transported with minor injuries.
- **Action Taken:** TMC operators located the crash while monitoring CCTV cameras. It was entered into ATMS and the DMS boards were immediately activated to alert motorists. The TMC dispatched ER to assist MSHP, Bridgeton PD and Pattonville Fire & EMS with traffic control. MSHP was contacted, confirmed it to be a double fatality, and their reconstruction team responded to investigate the crash. Due to crash resulting in the deaths of two pedestrians, community relations was notified. Traffic queued approximately 2 hours but thinned throughout the duration and was minimal at the time the event cleared.
- **Event Duration:** 2 hours 59 minutes

	Northbound I-270 before MO 370	Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Right Shoulder
Closed Hours/Minutes		0:00	2:52	2:59	2:59	2:59	2:59




270 AT ST CHARLES RK RD
North Zoom





3/20/2021 (Saturday)

- **Time:** 1:03am-4:42am
- **Location:** St. Louis City – Westbound I-70 at Adelaide
- **Event Type:** Single vehicle accident causing secondary with fatal to a Pedestrian
- **Estimated Initial Impact:** Non-Rush Hour: 3 of 3 travel lanes affected equals (=) 100%
- **Incident Details:** This was a single vehicle accident that caused a secondary event which included the driver/pedestrian of the first accident to be struck. Following was an additional accident that included a 5 vehicle accident behind these incidents.
- **Action Taken:** TMC Operator was contacted by St. Louis City Police Departments Dispatch and confirmed incident on CCTV and notified MoDOT Emergency Response, to assist with traffic control. TMC Operators entered event into ATMS and activated appropriate DMS boards. IDOT was notified and activated boards. Incident alerts were sent out via email. All lanes were closed, traffic was diverted off on to Adelaide Ave. St. Louis City PD, Fire Rescue, EMS, Crime Scene investigators and medical examiners were all on the scene as well as a single tow unit which included them makes several trips. Lengthy event time due to waiting for City tow after the investigation had been completed. Traffic queued to 1 mile at its peak, traffic was back to normal before the event cleared.
- **Event Duration:** 3 hours 39 minutes

	Westbound I-70 at Adelaide Ave	Left Shoulder	Lane 1	Lane 2	Lane 3	Right Shoulder
Closed Hours/Minutes		3:25	3:25	3:25	3:39	3:39

This was the first incident. One vehicle into the Median/ Barrier wall.





This was the progression on the scene once the driver from the first accident/Pedestrian was struck.







This view is the peak of the queue that we accrued with this incident.
Front:



Back:





Finally, this was the Five Vehicle accident that took place in the queue of drivers. This was a Five Vehicle accident with four tows and one claiming injuries.





INCIDENT MANAGEMENT

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03/31/2021 (Wednesday)

- **Time:** 03:27 PM – 05:38 PM
- **Location:** Pine Lawn, St. Louis County – Eastbound I-70 at Jennings Station Rd
- **Event Type:** Three Vehicle Accident
- **Estimated Initial Impact:** Rush Hour: 3 of 3 travel lanes affected equals (=) 100%
- **Incident Details:** The TMC operators located the accident via CCTV. This incident involved three vehicles including a RV, pickup and car. All lanes were blocked. The TMC dispatched MoDOT ER to the scene.
- **Action Taken:** MoDOT ER was first to arrive on scene. Normandy Police Department arrived shortly after as well as Northeast Ambulance and Fire Department. MSHP also responded and arrived on scene. MoDOT ER provided traffic control and allowing one lane of traffic. There was an extended duration due to tow removing the vehicle. Traffic queued approximately 3.8 miles at its peak but returned to normal (19) minutes after the incident cleared. TMC Operators entered the event into ATMS and activated appropriate DMS boards. An incident alert, update, and clearance were sent out to the appropriate email groups. Community Relations was also advised.
- **Event Duration:** 2 hours 11 minutes

	Eastbound I-70 at Jennings Station Rd	Left Shoulder	Lane 1	Lane 2	Lane 3	Right Shoulder
	Closed Hours/Minutes	2:11	2:11	2:11	:39	:39





INCIDENT MANAGEMENT

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04/01/2021-04/02/2021 (Thursday→ Friday)

- **Time:** 10:09pm – 2:16am
- **Location:** St. Louis County: I-255 WB at Koch Rd (affecting St. Louis County, MO)
- **Event Type:** Emergency Vehicles
- **Estimated Initial Impact:** NON- Rush Hour: 1 of 3 travel lanes affected
- **Incident Details:** Police notified the TMC that there is vehicle roadside with flat tires, due to a pothole or debris. The TMC dispatched MoDOT ER to the scene.
- **Action Taken:** St. Louis County Police went to assess the situation as ER was en route. When St. Louis County Police Arrived on scene, we were advised that this was a bad pothole and that they will be holding the lane. This is when dispatch notified St. Clair Bridge Crew of the hazard, they were put en route. ER arrived at the scene taking lane 2. ER was able to send photos in of the damaged roadway. IDOT was notified. Due to the location IDOT does not have boards to help notify the public of blocked lanes. No DMS boards were available for MODOT, but we were able to utilize the board that ER has on their trucks. The extended duration was due to the wait time of St. Clair Bridge Crew to arrive with traffic control. Once St. Clair Bridge Crew arrived on scene, we turned the incident into a workzone. Traffic never Queue on this incident.
- **Event Duration:** 4 hours 06 minutes

	Westbound I-255 at Koch Rd/MM 3.20	Left Shoulder	Lane 1	Lane 2	Lane 3	Right Shoulder
Closed Hours/Minutes		0:00	0:00	4:06	0:00	0:00





INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



04/07/2021 (Wednesday)

- **Time:** 05:45 AM – 08:47 AM *** Fatality ***
- **Location:** Kirkwood, St. Louis County – Southbound I-270 at MM 7/Marshall Road
- **Event Type:** Two Vehicle Accident
- **Estimated Initial Impact:** Rush Hour: 3 of 5 travel lanes affected equals (=) 60%
- **Incident Details:** Kirkwood police contacted the TMC of a pedestrian struck. Vehicle 1 driver was out of their vehicle when Vehicle 2 struck Vehicle 1 driver. The TMC dispatched MoDOT ER to the scene.
- **Action Taken:** Kirkwood PD, Fire and EMS blocked lanes 3, 4, and 5. MSHP and ER arrived on scene and helped provide traffic control. The CBB Traffic Engineer was notified and began to adjust necessary signal timing for traffic. The Communication Staff and the MoDOT Incident Management Coordinator were all notified. The TMC messaged for the event and entered it into TMS to notify the public of the closure. An incident alert, update and cleared were used to advise management of the closure. Tow, and Accident Reconstruction were all on scene. Extended duration due to accident reconstruction. Traffic queued approximately 1.5 miles at its peak but returned to normal almost immediately after all lanes were opened.
- **Event Duration:** 3 hours 01 minute

	Southbound I-270 at MM 7/Marshall Road	Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Right Shoulder
		0:00	0:00	1:21	1:57	3:01	3:01



INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



04/09/2021 (Friday)

- **Time:** 04:49 AM – 08:24 AM *** Fatality ***
- **Location:** St. Louis City– Eastbound I-44 at mm 291.4/I-64
- **Event Type:** Two Vehicle Accident
- **Estimated Initial Impact:** Rush Hour: 2 of 2 travel lanes affected equals (=) 100%
- **Incident Details:** The TMC operators received a phone call from the police of a two vehicle accident. The TMC dispatched MoDOT ER to the scene.
- **Action Taken:** St. Louis City PD blocked lanes 1 and 2 and started diverting traffic onto Park Ave. ER arrived on scene and helped set up a new lane drop for traffic to be diverted off to I-64 EB ramp across the Poplar Street Bridge into Illinois. Traffic was diverted onto I-64 EB and was able to take I-64 WB or I-70 WB back into Missouri. Fire, EMS and two tows also responded in assistance. The CBB Traffic Engineer was notified and began to adjust necessary signal timing for traffic. The MoDOT Incident Management Coordinator, Work Zone Coordinator, Motor Carriers and Communication Staff were all notified. The TMC messaged for the event and entered it into TMS to notify the public of the closure. Accident Reconstruction was on scene. An incident alert, update and cleared were used to advise management of the closure. Extended duration due to accident reconstruction. Traffic queued approximately 0.6 miles from I-44 Eastbound, approximately 1.4 miles from I-55 Northbound and approximately 1 mile on mainline of I-44 Eastbound but returned to normal twenty-one (21) minutes after all lanes were opened.
- **Event Duration:** 3 hours 34 minutes

	Eastbound I-44 at MM 291.4/I-64	Lane 1	Lane 2	Right Shoulder	
Closed Hours/Minutes		3:34	3:34	3:34	




INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



04/24/2021 (Saturday)

- **Time:** 1:01 AM – 6:27 AM *** Fatality ***
- **Location:** St Louis County – MO 367 SB at Chambers
- **Event Type:** 2 Vehicle Collision
- **Estimated Initial Impact:** Non-Rush Hour: 2 of 2 travel lanes affected equals (=) 100%
- **Incident Details:** TMC received a call from PD stating there was a fatality accident at MO 367 at Chambers. A vehicle travelling in the northbound lanes crossed the yellow line in hit a vehicle travelling southbound head on. All lanes were closed in both directions. There were two injuries and one fatality reported.
- **Action Taken:** One Emergency Response Unit was sent to the scene help with debris removal. The TMC used DMS boards along I-270, US 67 and MO 367 to warn motorists of the closure in addition to adding to the Traveler Information Map. The duration of the incident was extended due accident reconstruction. Due to the time of the incident, there was no traffic queue.
- **Event Duration:** 5 hours 26 minutes

	MO 367 SB and NB at Chambers	Lane 1	Lane 2	Right Shoulder
		5:26	5:26	5:26
Closed Hours/Minutes				



04/24/2021 (Saturday)

- **Time:** 11:47 AM – 1:57 PM
- **Location:** St Louis County – I-64 EB before Vandeventer
- **Event Type:** 2 Vehicle Collision – Non-Fatal
- **Estimated Initial Impact:** Non-Rush Hour: 2 of 4 travel lanes affected equals (=) 50%
- **Incident Details:** TMC operator found the accident during routine monitoring. FD and EMS were already on scene with a vehicle the hit the barrier wall in the left lane and another vehicle in the two right lanes. One person was transported via ambulance.
- **Action Taken:** No Emergency Response Units were sent to the scene to help with traffic control due to units on scene of other incidents. The TMC used DMS boards along I-64 and I-170 to warn motorists of the lanes closed. The duration of the incident was extended due the wait for tow to respond to the scene. The traffic queue reached one mile.
- **Event Duration:** 2 hours 10 minutes

	I-64 before Vandeventer	Left Shoulder	Lane 1	Lane 2	Lane 3	Right Exit Lane	Right Shoulder
Closed Hours/Minutes		2:10	2:10	1:44	0:26	0:26	0:26






INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



04/27/2021 (Tuesday)

- **Time:** 12:10 PM – 2:13 PM
- **Location:** Jefferson County– Northbound I-55 on ramp from RT M
- **Event Type:** Overturned Tractor Trailer
- **Estimated Initial Impact:** Non-Rush Hour: 1 of 1 ramp lane affected equals (=) 100%
- **Incident Details:** Tractor trailer overturned, dumping its load of sand. No injuries reported.
- **Action Taken:** The TMC confirmed the incident via CCTV. TMC operators entered the event into ATMS and dispatched two ER operators to assist with traffic control. There was no queue. Event duration due to nature of the incident and cleanup.
- **Event Duration:** 02 hours and 03 minutes.

	Northbound I-55 On ramp from RT M	LS	Lane1	RS
		2:03	2:03	2:03






INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021




05/7/2021 (Friday)

- **Time:** 10:36 AM - 1:51 PM
- **Location:** St. Louis City – EB I-44 before Park Ave
- **Event Type:** 1 Vehicle Accident – Non - Fatal
- **Estimated Initial Impact:** Non-Rush Hour: 2 of 5 travel lanes affected equals (=) 40%
- **Incident Details:** Emergency Response Unit received a call from police about an overturned tractor trailer. After checking the cameras, a tractor trailer was found in two left lanes with the trailer split in half. The contents of the trailer had spilled in the lanes and the opposing left lane.
- **Action Taken:** Two Emergency Response Units along with the on-duty ER supervisor were sent to scene to provide traffic control for both directions of I-44. The TMC used DMS boards along I-44, I-55, and I-70 to warn motorists of the lane closures. An incident alert was sent to notify District Leadership. The duration of the incident was extended due to removal the trailer with extensive damage. This resulted in a traffic queue of 1.2 mile traffic queue for WB traffic and nearly a 1 mile traffic queue.
- **Event Duration:** 2 hours 53 minutes – WB/ 3 hours 16 minutes – EB

	I-44 EB before Park	Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Right Shoulder
Closed Hours/Minutes		03:16	03:16				



	I-44 WB before Park	Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Right Shoulder
	Closed Hours/Minutes	02:53	01:01				







INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



05/13/2021 (Thursday)

- **Time:** 4:29 AM – 8:34 AM
- **Location:** St. Louis County – I-70 WB at I-170
- **Event Type:** 2 Vehicle Collision – Fatal
- **Estimated Initial Impact:** Rush Hour: 3 of 3 travel lanes affected equals (=) 100%
- **Incident Details:** TMC operator heard a report of an accident across the radio/scanner. After checking the cameras, two vehicles were found in the two right lanes as police arrived on scene and they closed all lanes. One vehicle struck the guardrail on both sides of the roadway was then struck by the other.
- **Action Taken:** Two Emergency Response Units were sent to the scene to help with traffic control. They diverted traffic to the NB and SB I-170 ramps. The ER On-Duty and Operations Supervisors along with Incident Management Coordinator were notified. EOC and Motor Carrier Services were contacted. An incident alert was sent to notify District Leadership. The TMC used DMS boards along I-70 and I-44 to warn motorists of the closure. As motorists got close to the traffic queue, they started driving the wrong way on the Hanley entrance ramp to avoid waiting. Police was contacted immediately. The duration of the incident was extended due to accident reconstruction by police and tow removal of the vehicles. It caused a 1.2-mile traffic queue.
- **Event Duration:** 4 hours 5 minutes

	WB I-70 at I-170						
		Left Shoulder	Lane 1	Lane 2	Lane 3	Lane 4	Right Shoulder
Closed Hours/Minutes		4:05	4:05	4:04	4:04	4:01	4:01




INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



05/14/2021 (Friday)

- **Time:** 10:29pm-01:28am
- **Location:** St. Louis County- I-64 Westbound at Ballas
- **Event Type:** 3 Vehicle accident with Injuries reported
- **Estimated Initial Impact:** NON-Rush Hour: 5 of 5 travel lanes affected equals (=) 100%
- **Incident Details:** The TMC received a call from Police requesting assistance with a single vehicle accident.
- **Action Taken:** The TMC staff started entering the event and activating boards to allow the public to know what they were approaching. Town and County Police, Highway Patrol, EMS and Fire all arrived on scene leaving lane 1 opened to allow for traffic to pass. MODOT's ER's arrived at the scene to offer traffic control. EMS departed with one of the drivers. It was reported back to the TMC that this was in fact a 3-vehicle accident with a single injury reported. Highway Patrol requested a reconstruction team be ordered to the scene. The extended duration on this scene was due to Reconstruction doing their measurements and photos. Once Reconstructions completed their task, tows were able to take all 3-vehicles. The traffic queue stayed under 1 mile on the incident.
- **Event Duration:** 2 hours 58 minutes

	Westbound I-64 at Ballas	Lane 1	Lane 2	Lane 3	Lane 4	RXL From Ballas/Ballas Ramp	Right Shoulder
Closed Hours/Minutes		2:49	2:58	2:58	2:58	00:36	2:58

64 AT BALLAS
East Zoom








INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



05/22/2021 (Saturday)

- **Time:** 2:05am-5:07am
- **Location:** St. Louis County- I-64 Westbound at I-270
- **Event Type:** Vehicle Fire
- **Estimated Initial Impact:** NON-Rush Hour: 3 of 3 travel lanes affected equals (=) 100%
- **Incident Details:** The ER staff received a report for officers in the field that there was a 2-vehicle accident in this location. The TMC Staff pulled up the cameras in this location to confirm, finding that this in fact was a vehicle fire.
- **Action Taken:** The TMC staff started entering the event and activating boards to allow the public to know what they were approaching. Town and County Police and Highway Patrol arrived on scene leaving lanes 1 and 2 opened to allow for traffic to pass. The fire department arrived on scene shutting down the interstate. Town and County placed one of their officers in the back of the incident to push traffic off I-64 WB, onto I-270. EMS did arrive on scene, but no injuries were reported. MODOT's ER's arrived at the scene to offer traffic control. It was reported back to the TMC that the Box Truck was carrying linens. Fire sprayed down the truck, then had to cut the side of the truck out. Once they cut the side out, they were able to start spraying down the inside of the box and linens. Fire then began pulling large amounts of linens to the ground spraying them again. Town and County police requested to their dispatchers for two heavy tows to be ordered to this location. Two heavy tows arrived along with a light tow. The light tow as able to bring in a bobcat to allow for heavy pickup. The heavy tows worked the scene and allowed for the light tow to carrying the debris/linens away. This is when heavy tow removed the box truck. No debris was left behind, and all units went back into service. The reason for an extended duration at this location was due to putting the fire out and allowing for cleanup. No time during this event did a queue build up from the traffic.
- **Event Duration:** 3 hours 38 minutes

	Westbound I-64 at I-270				
		Lane 1	Lane 2	Lane 3	Right Shoulder
Closed Hours/Minutes		00:45	2:59	3:02	3:02








INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



05/26/2021 (Wednesday)

- **Time:** 7:40pm-10:13pm
- **Location:** St. Louis County- I-55 SB before Meramec Bottom Rd
- **Event Type:** Car vs Motorcycle with Fatal
- **Estimated Initial Impact:** NON-Rush Hour: 5 of 6 travel lanes affected equals (=) 83%
- **Incident Details:** The TMC received a call from Police requesting assistance with traffic control on a 2-vehicle accident with one being a motorcycle.
- **Action Taken:** The TMC staff started entering the event and activating boards to allow the public knowledge of what they were approaching. Highway Patrol, St. Louis County Police, Fire and EMS were on scene at the time MODOT was made aware of the event. Fire assisted HP with traffic control unit MODOT ER arrived. HP ordered reconstruction to the scene once it was confirmed a fatality. It was later told to the TMC this was a hit and run. One lane of traffic was able to remain open during this event, causing a 1.8-mile queue to build. As reconstruction was completing their work HP ordered a single tow for the motorcycle. At that time, we were able to clear all lanes of traffic and work the tow from the gore point of Meramec Bottom Rd. After the tow removed the motorcycle all responders were able to go back into service.
- **Event Duration:** 3 hours 47 minutes

	Southbound I-55 before Meramec Bottom Rd	Left Shoulder	Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Right Exit Lane	Right Shoulder
Closed Hours/Minutes		3:33	3:33	3:33	3:33	0:44	0:44	0:00	0:14



INCIDENT MANAGEMENT

ST. LOUIS DISTRICT ■ QUARTERLY REGIONAL MOBILITY REPORT ■ MARCH/APRIL/MAY 2021



55 NO MERAMEC BOTTOM
South



